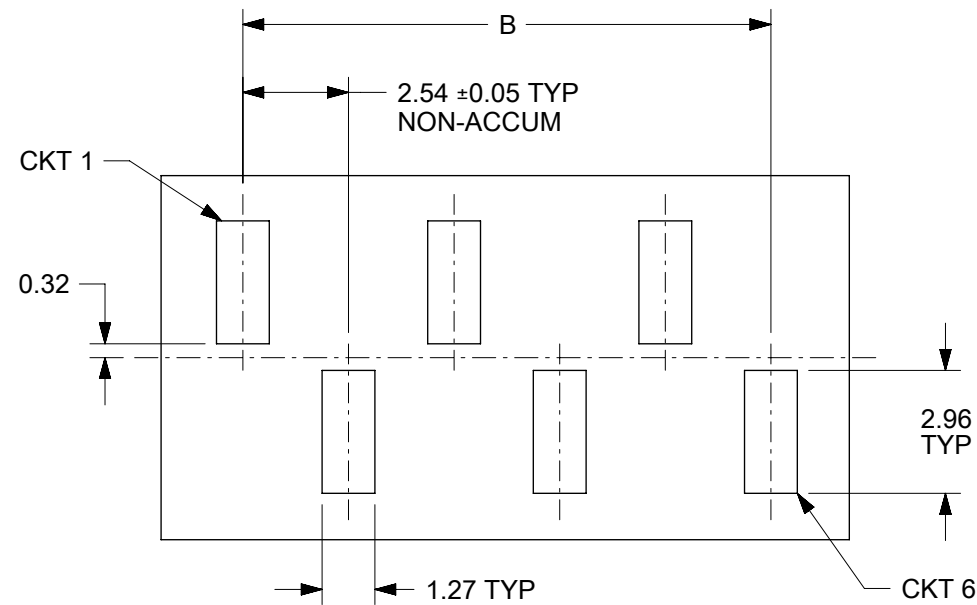
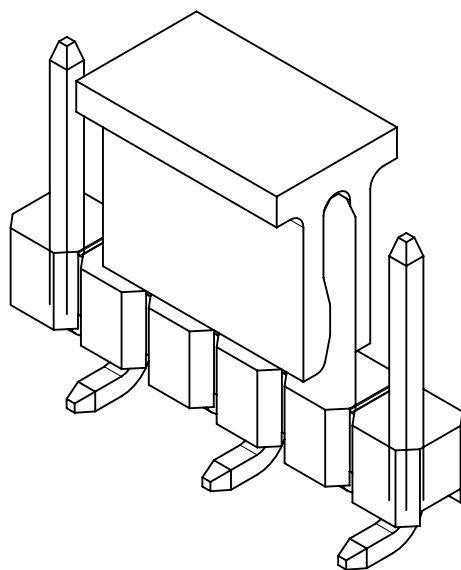
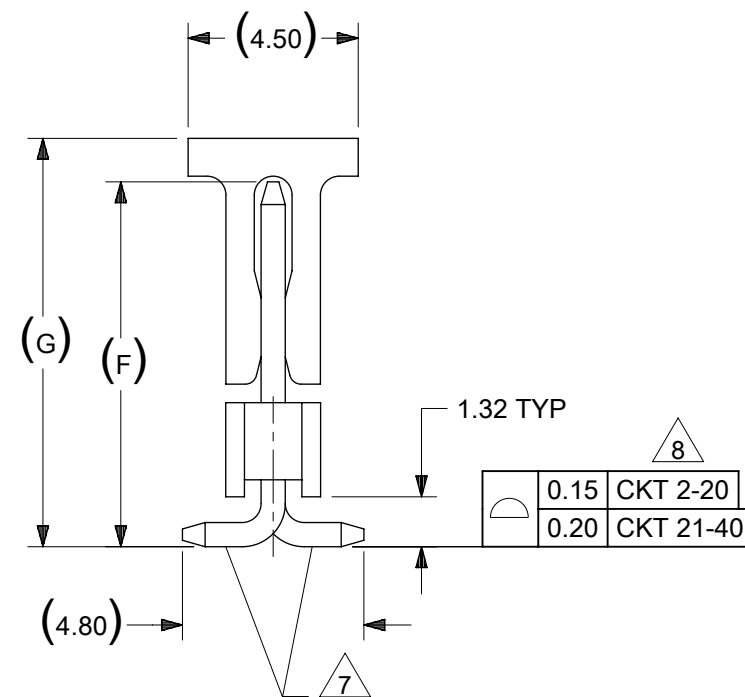




NOTES:

- 
- Technical drawing of a mechanical part, likely a connector or plug, showing dimensions and tolerances.
- Key dimensions and tolerances:
- Width: 10 (7.50)
  - Height: 0.64 ±0.05 SQ TYP
  - Length: 2.49 ±0.10
  - Spacing: 2.54 TYP
  - Dimension M is indicated on the side view.



|                                                                                                                                               |    |       |   |                                                                     |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----|-------|---|---------------------------------------------------------------------|--|--------------------|--|---------------------------------|--|------------------------------|--|----------------------------|--|-------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |    |       |   |                                                                     |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
| DIMENSION UNITS                                                                                                                               |    | SCALE |   | CURRENT REV DESC: BRIGHT TIN PHASE OUT                              |  |                    |  | <div>molex</div>                |  |                              |  |                            |  |                         |  |
| mm                                                                                                                                            |    | NTS   |   |                                                                     |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |    |       |   | CUSTOM HEADER<br>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT<br>HEADER |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
|                                                                                                                                               | MM | INCH  |   |                                                                     |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
| 4 PLACES                                                                                                                                      | ±  |       | ± | EC NO: 679909                                                       |  |                    |  | PRODUCT CUSTOMER DRAWING        |  |                              |  |                            |  |                         |  |
| 3 PLACES                                                                                                                                      | ±  |       |   | DRWN: AKUMAR192021/06/29                                            |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
| 2 PLACES                                                                                                                                      | ±  | 0.2   | ± | CHK'D: MRAMAKRISHNA2021/10/11                                       |  |                    |  |                                 |  |                              |  |                            |  |                         |  |
| 1 PLACE                                                                                                                                       | ±  |       | ± | APPR: MRAMAKRISHNA2021/10/11                                        |  |                    |  | DOCUMENT NUMBER<br>SD-87898-001 |  |                              |  |                            |  |                         |  |
| 0 PLACES                                                                                                                                      | ±  |       |   | INITIAL REVISION:                                                   |  |                    |  |                                 |  |                              |  |                            |  | DOC TYPE                |  |
| ANGULAR TOL ± 3.0 °                                                                                                                           |    |       |   | DRWN: GGUNAGI2016/11/09                                             |  |                    |  | PSD                             |  | 000                          |  | B24                        |  |                         |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |    |       |   | THIRD ANGLE PROJECTION                                              |  | DRAWING<br>A3-SIZE |  | SERIES<br>87898                 |  | MATERIAL NUMBER<br>SEE TABLE |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>1 OF 21 |  |



|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|--------------|------------------|-----------------|---------------------------|------------------------------|-----------|-------|-------|-------|-------|-------|-----|---|--|
| 10                        |                  | 9                   |                  | 8                          |                         | 7            |                  | 6               |                           | 5                            |           | 4     |       | 3     |       | 2     |     | 1 |  |
| PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE  | VOID<br>POSITION | PLATING<br>TYPE | MODIFIED<br>MATING<br>CKT | MODIFIED<br>MATING<br>LENGTH | DIMENSION |       |       |       |       | F     |     |   |  |
| TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |              |                  |                 |                           |                              | A         | B     | G     | F     | M     |       |     |   |  |
| F                         | -----            | -----               | 87898-0421       | 87898-0431                 | -----                   | 87898-0451   | 4                | -----           | 1                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  | B24 | E |  |
| -----                     | -----            | -----               | 87898-0422       | 87898-0432                 | -----                   | 87898-0452   | 4                | -----           | 2                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | 87898-0424       | 87898-0434                 | -----                   | 87898-0454   | 4                | -----           | 4                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | 87898-0425       | 87898-0435                 | -----                   | 87898-0455   | 4                | -----           | 5                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | 87898-0426       | 87898-0436                 | -----                   | 87898-0456   | 4                | -----           | 6                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | 87898-0428       | 87898-0437                 | -----                   | 87898-0460   | 4                | -----           | 6                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | 87898-0457   | 4                | -----           | 6                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | 87898-0458   | 4                | -----           | 5                         | -----                        | -----     | 10.16 | 7.62  | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | 87898 - 0480 | 4                | CKT# 4          | 5                         | -----                        | -----     | 10.16 | 7.62  | 14.70 | 13.65 | 9.84  |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | 87898 - 0481 | 4                | -----           | 5                         | CKT # 1, 2 & 3               | 1.00      | 10.16 | 7.62  | 17.70 | 16.65 | 12.84 |     |   |  |
| E                         | 87898 - 0482     | -----               | -----            | -----                      | -----                   | -----        | 4                | -----           | ---                       | CKT # 1, 2 & 3               | 1.00      | 10.16 | 7.62  | ---   | 16.65 | 12.84 | B24 | D |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | 87898 - 0483 | 4                | -----           | ---                       | CKT # 1, 2 & 3               | 1.00      | 10.16 | 7.62  | 14.70 | 13.65 | 9.84  |     |   |  |
| -----                     | -----            | 87898-0427          | -----            | -----                      | -----                   | -----        | 4                | -----           | ---                       | -----                        | -----     | 10.16 | 7.62  | ---   | 11.87 | 8.06  |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | -----        | -----            | -----           | -----                     | -----                        | -----     | ----- | ----- | ----- | ----- | ----- |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | -----        | -----            | -----           | -----                     | -----                        | -----     | ----- | ----- | ----- | ----- | ----- |     |   |  |
| -----                     | -----            | 87898-0521          | 87898-0531       | -----                      | 87898-0551              | 5            | ----             | 1               | -----                     | -----                        | -----     | 12.70 | 10.16 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0522          | 87898-0532       | -----                      | 87898-0552              | 5            | -----            | 2               | -----                     | -----                        | -----     | 12.70 | 10.16 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0524          | 87898-0534       | -----                      | 87898-0554              | 5            | -----            | 4               | -----                     | -----                        | -----     | 12.70 | 10.16 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0525          | 87898-0535       | -----                      | 87898-0555              | 5            | -----            | 5               | -----                     | -----                        | -----     | 12.70 | 10.16 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0526          | 87898-0536       | 87898-0583                 | 87898-0556              | 5            | -----            | 6               | -----                     | -----                        | -----     | 12.70 | 10.16 | 10.81 | 9.65  | 5.84  |     |   |  |
| D                         | -----            | 87898-0528          | 87898-0538       | 87898-0584                 | 87898-0558              | 5            | -----            | 6               | -----                     | -----                        | -----     | 12.70 | 10.16 | 10.81 | 9.65  | 5.84  | B24 | C |  |
| 87898-0581                | -----            | -----               | -----            | -----                      | -----                   | 5            | -----            | 4               | -----                     | -----                        | -----     | 12.70 | 10.16 | ---   | 24.18 | 20.25 |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | 87898-0576              | 5            | -----            | 5               | -----                     | -----                        | -----     | 12.70 | 10.16 | 14.35 | 13.31 | 9.50  |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | -----        | -----            | -----           | -----                     | -----                        | -----     | ----- | ----- | ----- | ----- | ----- |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | -----                   | -----        | -----            | -----           | -----                     | -----                        | -----     | ----- | ----- | ----- | ----- | ----- |     |   |  |
| -----                     | -----            | 87898-0621          | 87898-0631       | -----                      | 87898-0651              | 6            | -----            | 1               | -----                     | -----                        | -----     | 15.24 | 12.70 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0622          | 87898-0632       | -----                      | 87898-0652              | 6            | -----            | 2               | -----                     | -----                        | -----     | 15.24 | 12.70 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0624          | 87898-0634       | -----                      | 87898-0654              | 6            | -----            | 4               | -----                     | -----                        | -----     | 15.24 | 12.70 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0625          | 87898-0635       | -----                      | 87898-0655              | 6            | -----            | 5               | -----                     | -----                        | -----     | 15.24 | 12.70 | 10.81 | 9.65  | 5.84  |     |   |  |
| -----                     | -----            | 87898-0626          | 87898-0636       | -----                      | 87898-0656              | 6            | -----            | 6               | -----                     | -----                        | -----     | 15.24 | 12.70 | 10.81 | 9.65  | 5.84  |     |   |  |
| C                         | -----            | 87898-0628          | 87898-0638       | -----                      | 87898-0658              | 6            | -----            | 6               | -----                     | -----                        | -----     | 15.24 | 12.70 | 10.81 | 9.65  | 5.84  | B24 | B |  |
| 87898-0607                | -----            | -----               | -----            | -----                      | 87898-0657              | 6            | -----            | 6               | -----                     | -----                        | -----     | 15.24 | 12.70 | 16.47 | 15.31 | 11.50 |     |   |  |
| -----                     | -----            | -----               | -----            | -----                      | 87898-0605              | 6            | -----            | 5               | -----                     | -----                        | -----     | 15.24 | 12.70 | 12.98 | 11.94 | 8.13  |     |   |  |
| -----                     | -----            | 87898-0604          | -----            | -----                      | -----                   | 6            | ----             | 5               | -----                     | -----                        | -----     | 15.24 | 12.70 | ---   | 13.31 | 9.50  |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
|                           |                  |                     |                  |                            |                         |              |                  |                 |                           |                              |           |       |       |       |       |       |     |   |  |
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|-----------------------------------------------------------------------|---------------------------|------------------|---------------------|------------------|----------------------------|-------------------------|-------------|------------------|-----------------|-----------|-------|-------|------|------|-------|---|--|---|--|
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| F                                                                     | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |      |      | (B24) |   |  |   |  |
|                                                                       | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | G     | F    | M    |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1021          | 87898-1031       | -----                      | 87898-1051              | 10          | -----            | 1               | 25.40     | 22.86 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1022          | 87898-1032       | -----                      | 87898-1052              | 10          | -----            | 2               | 25.40     | 22.86 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1024          | 87898-1034       | -----                      | 87898-1054              | 10          | -----            | 4               | 25.40     | 22.86 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1025          | 87898-1035       | -----                      | 87898-1055              | 10          | -----            | 5               | 25.40     | 22.86 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1026          | 87898-1036       | -----                      | 87898-1056              | 10          | -----            | 6               | 25.40     | 22.86 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1027          | 87898-1037       | -----                      | 87898-1057              | 10          | -----            | 6               | 25.40     | 22.86 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1003          | -----            | -----                      | -----                   | 10          | -----            | 5               | 25.40     | 22.86 | ---   | 9.81 | 6.00 |       |   |  |   |  |
|                                                                       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
| E                                                                     | -----                     | -----            | 87898-1121          | 87898-1131       | -----                      | 87898-1151              | 11          | -----            | 1               | 27.94     | 25.40 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1122          | 87898-1132       | -----                      | 87898-1152              | 11          | -----            | 2               | 27.94     | 25.40 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1124          | 87898-1134       | -----                      | 87898-1154              | 11          | -----            | 4               | 27.94     | 25.40 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1125          | 87898-1135       | -----                      | 87898-1155              | 11          | -----            | 5               | 27.94     | 25.40 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1126          | 87898-1136       | -----                      | 87898-1156              | 11          | -----            | 6               | 27.94     | 25.40 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
|                                                                       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
| D                                                                     | -----                     | -----            | 87898-1221          | 87898-1231       | -----                      | 87898-1251              | 12          | -----            | 1               | 30.48     | 27.94 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1222          | 87898-1232       | -----                      | 87898-1252              | 12          | -----            | 2               | 30.48     | 27.94 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1224          | 87898-1234       | -----                      | 87898-1254              | 12          | -----            | 4               | 30.48     | 27.94 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1225          | 87898-1235       | -----                      | 87898-1255              | 12          | -----            | 5               | 30.48     | 27.94 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
|                                                                       | -----                     | -----            | 87898-1226          | 87898-1236       | -----                      | 87898-1256              | 12          | -----            | 6               | 30.48     | 27.94 | 10.81 | 9.65 | 5.84 |       |   |  |   |  |
| C                                                                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
|                                                                       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
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| B                                                                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
|                                                                       |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
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| A                                                                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |      |      |       |   |  |   |  |
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| DOCUMENT STATUS                                                       |                           | P1               | RELEASE DATE        | 2021/10/11       | 11:53:29                   | 7                       |             | 6                |                 | 5         |       | 4     |      | 3    |       | 2 |  | 1 |  |
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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

MM

INCH

4 PLACES

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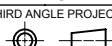
ANGULAR TOL

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DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

THIRD ANGLE PROJECTION



DRAWING

A3-SIZE

SERIES

87898

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

5 OF 21

EC NO: 679909

DRWN: AKUMAR19

CHK'D: MRAMAKRISHNA

APPR: MRAMAKRISHNA

2021/06/29

2021/10/11

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INITIAL REVISION:

DRWN: GGUNAGI

APPR: ISHWARG

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CUSTOMER

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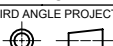
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| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PACKAGING OPTION PART NO. |                  |                     |                  |                            |                         | CKT<br>SIZE | VOID<br>POSITION | PLATING<br>TYPE | DIMENSION |       |       |       |       |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TRAY<br>WITHOUT CAP       | TRAY<br>WITH CAP | TUBE<br>WITHOUT CAP | TUBE<br>WITH CAP | TAPE & REEL<br>WITHOUT CAP | TAPE & REEL<br>WITH CAP |             |                  |                 | A         | B     | G     | F     | M     |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2521          | 87898-2531       | -----                      | -----                   |             |                  |                 | 25        | ----- | 1     | 63.50 | 60.96 | 10.81 | 9.65 | 5.84 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2522          | 87898-2532       | -----                      | -----                   |             |                  |                 | 25        | ----- | 2     | 63.50 | 60.96 | 10.81 | 9.65 | 5.84 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2524          | 87898-2534       | -----                      | -----                   |             |                  |                 | 25        | ----- | 4     | 63.50 | 60.96 | 10.81 | 9.65 | 5.84 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2525          | 87898-2535       | -----                      | -----                   |             |                  |                 | 25        | ----- | 5     | 63.50 | 60.96 | 10.81 | 9.65 | 5.84 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2526          | 87898-2536       | -----                      | -----                   | 25          | -----            | 6               | 63.50     | 60.96 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |       |       |      |      |
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| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -----                     | -----            | 87898-2621          | 87898-2631       | -----                      | -----                   | 26          | -----            | 1               | 66.04     | 63.50 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2622          | 87898-2632       | -----                      | -----                   | 26          | -----            | 2               | 66.04     | 63.50 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2624          | 87898-2634       | -----                      | -----                   | 26          | -----            | 4               | 66.04     | 63.50 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2625          | 87898-2635       | -----                      | -----                   | 26          | -----            | 5               | 66.04     | 63.50 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2626          | 87898-2636       | -----                      | -----                   | 26          | -----            | 6               | 66.04     | 63.50 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2627          | 87898-2637       | -----                      | -----                   | 26          | -----            | 6               | 66.04     | 63.50 | 10.81 | 9.65  | 5.84  |       |      |      |
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| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -----                     | -----            | 87898-2721          | 87898-2731       | -----                      | -----                   | 27          | ----             | 1               | 68.58     | 66.04 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2722          | 87898-2732       | -----                      | -----                   | 27          | ----             | 2               | 68.58     | 66.04 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2724          | 87898-2734       | -----                      | -----                   | 27          | ----             | 4               | 68.58     | 66.04 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2725          | 87898-2735       | -----                      | -----                   | 27          | ----             | 5               | 68.58     | 66.04 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -----                     | -----            | 87898-2726          | 87898-2736       | -----                      | -----                   | 27          | ----             | 6               | 68.58     | 66.04 | 10.81 | 9.65  | 5.84  |       |      |      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |       |       |      |      |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |       |       |      |      |
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| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |       |       |      |      |
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| <div><div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div><div><div>DIMENSION UNITS</div><div>mm</div></div><div><div>SCALE</div><div>NTS</div></div><div><div>GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</div><div><div>MM</div><div>INCH</div></div><div><div>4 PLACES</div><div>±</div><div></div><div>±</div></div><div><div>3 PLACES</div><div>±</div><div></div><div>±</div></div><div><div>2 PLACES</div><div>±</div><div>0.2</div><div>±</div></div><div><div>1 PLACE</div><div>±</div><div></div><div>±</div></div><div><div>0 PLACES</div><div>±</div><div></div><div>±</div></div><div><div>ANGULAR TOL</div><div>±</div><div>3.0 °</div></div><div><div>DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</div></div></div><div><div>CURRENT REV DESC: BRIGHT TIN PHASE OUT</div><div><div>EC NO: 679909</div><div>DRWN: AKUMAR19</div><div>CHK'D: MRAMAKRISHNA</div><div>APPR: MRAMAKRISHNA</div></div><div><div>2021/06/29</div><div>2021/10/11</div><div>2021/10/11</div></div></div></div><div><div><div><div>molex</div><div>CUSTOM HEADER<br/>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT<br/>HEADER</div></div><div>PRODUCT CUSTOMER DRAWING</div><div><div>DOCUMENT NUMBER</div><div>SD-87898-001</div><div>DOC TYPE</div><div>PSD</div><div>DOC PART</div><div>000</div><div>REVISION</div><div>B24</div></div></div><div><div>INITIAL REVISION:</div><div><div>DRWN: GGUNAGI</div><div>APPR: ISHWARG</div></div><div><div>2016/11/09</div><div>2016/12/06</div></div></div><div><div>THIRD ANGLE PROJECTION</div><div></div><div>DRAWING</div><div>A3-SIZE</div><div>SERIES</div><div>87898</div><div>MATERIAL NUMBER</div><div>SEE TABLE</div><div>CUSTOMER</div><div>GENERAL MARKET</div><div>SHEET NUMBER</div><div>10 OF 21</div></div></div></div> <div><div>DOCUMENT STATUS</div><div>P1</div><div>RELEASE DATE</div><div>2021/10/11</div><div>11:53:29</div></div> |                           |                  |                     |                  |                            |                         |             |                  |                 |           |       |       |       |       |       |      |      |
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| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PACKAGING OPTION PART NO. |                  |                                                                           |                                                                                                               |                            |                                                                     | CKT<br>SIZE              | VOID<br>POSITION | PLATING<br>TYPE              | DIMENSION |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
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| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                           |                  |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
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| <div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div> <table><tr><td>DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="3" rowspan="5">CURRENT REV DESC: BRIGHT TIN PHASE OUT</td><td colspan="4" rowspan="3"><div>molex</div></td></tr><tr><td>mm</td><td colspan="2">NTS</td></tr><tr><td colspan="3">GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</td></tr><tr><td></td><td>MM</td><td>INCH</td><td colspan="4" rowspan="3">CUSTOM HEADER<br/>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT<br/>HEADER</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>0.2</td><td>±</td><td colspan="3" rowspan="3">EC NO: 679909<br/>DRWN: AKUMAR19 2021/06/29<br/>CHK'D: MRAMAKRISHNA 2021/10/11<br/>APPR: MRAMAKRISHNA 2021/10/11</td><td colspan="4" rowspan="3">PRODUCT CUSTOMER DRAWING</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td colspan="3">ANGULAR TOL ± 3.0 °</td><td colspan="3" rowspan="3">INITIAL REVISION:<br/>DRWN: GGUNAGI 2016/11/09<br/>APPR: ISHWARG 2016/12/06</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="3"></td><td colspan="2">SD-87898-001</td><td>PSD</td><td>000</td><td>B24</td></tr><tr><td colspan="3">DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</td><td>THIRD ANGLE PROJECTION<br/></td><td>DRAWING<br/>A3-SIZE</td><td>SERIES<br/>87898</td><td colspan="2">MATERIAL NUMBER<br/>SEE TABLE</td><td colspan="2">CUSTOMER<br/>GENERAL MARKET</td><td>SHEET NUMBER<br/>11 OF 21</td></tr></table> <div>DOCUMENT STATUS   P1   RELEASE DATE   2021/10/11 11:53:29</div> |                           |                  |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       | DIMENSION UNITS | SCALE |      | CURRENT REV DESC: BRIGHT TIN PHASE OUT |  |  | <div>molex</div> |  |  |  | mm | NTS |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  |  |  | MM | INCH | CUSTOM HEADER<br>2.54MM PITCH SINGLE ROW SINGLE WAFER SMT<br>HEADER |  |  |  | 4 PLACES | ± | ± | 3 PLACES | ± | ± | 2 PLACES | ± | 0.2 | ± | EC NO: 679909<br>DRWN: AKUMAR19 2021/06/29<br>CHK'D: MRAMAKRISHNA 2021/10/11<br>APPR: MRAMAKRISHNA 2021/10/11 |  |  | PRODUCT CUSTOMER DRAWING |  |  |  | 1 PLACE | ± | ± | 0 PLACES | ± | ± | ANGULAR TOL ± 3.0 ° |  |  | INITIAL REVISION:<br>DRWN: GGUNAGI 2016/11/09<br>APPR: ISHWARG 2016/12/06 |  |  | DOCUMENT NUMBER |  | DOC TYPE | DOC PART | REVISION |  |  |  | SD-87898-001 |  | PSD | 000 | B24 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  |  | THIRD ANGLE PROJECTION<br> | DRAWING<br>A3-SIZE | SERIES<br>87898 | MATERIAL NUMBER<br>SEE TABLE |  | CUSTOMER<br>GENERAL MARKET |  | SHEET NUMBER<br>11 OF 21 |
| DIMENSION UNITS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SCALE                     |                  | CURRENT REV DESC: BRIGHT TIN PHASE OUT                                    |                                                                                                               |                            | <div>molex</div>                                                    |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
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| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                           |                  |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
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| 4 PLACES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±                         | ±                |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
| 3 PLACES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±                         | ±                |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
| 2 PLACES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±                         | 0.2              | ±                                                                         | EC NO: 679909<br>DRWN: AKUMAR19 2021/06/29<br>CHK'D: MRAMAKRISHNA 2021/10/11<br>APPR: MRAMAKRISHNA 2021/10/11 |                            |                                                                     | PRODUCT CUSTOMER DRAWING |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
| 1 PLACE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ±                         | ±                |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
| 0 PLACES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ±                         | ±                |                                                                           |                                                                                                               |                            |                                                                     |                          |                  |                              |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
| ANGULAR TOL ± 3.0 °                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                  | INITIAL REVISION:<br>DRWN: GGUNAGI 2016/11/09<br>APPR: ISHWARG 2016/12/06 |                                                                                                               |                            | DOCUMENT NUMBER                                                     |                          | DOC TYPE         | DOC PART                     | REVISION  |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |                  |                                                                           |                                                                                                               |                            | SD-87898-001                                                        |                          | PSD              | 000                          | B24       |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |                  |                                                                           |                                                                                                               |                            | THIRD ANGLE PROJECTION<br>                                          | DRAWING<br>A3-SIZE       | SERIES<br>87898  | MATERIAL NUMBER<br>SEE TABLE |           | CUSTOMER<br>GENERAL MARKET |       | SHEET NUMBER<br>11 OF 21 |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 9                         | 8                | 7                                                                         | 6                                                                                                             | 5                          | 4                                                                   | 3                        | 2                | 1                            |           |                            |       |                          |       |                 |       |      |                                        |  |  |                  |  |  |  |    |     |  |                                          |  |  |  |    |      |                                                                     |  |  |  |          |   |   |          |   |   |          |   |     |   |                                                                                                               |  |  |                          |  |  |  |         |   |   |          |   |   |                     |  |  |                                                                           |  |  |                 |  |          |          |          |  |  |  |              |  |     |     |     |                                                            |  |  |                            |                    |                 |                              |  |                            |  |                          |

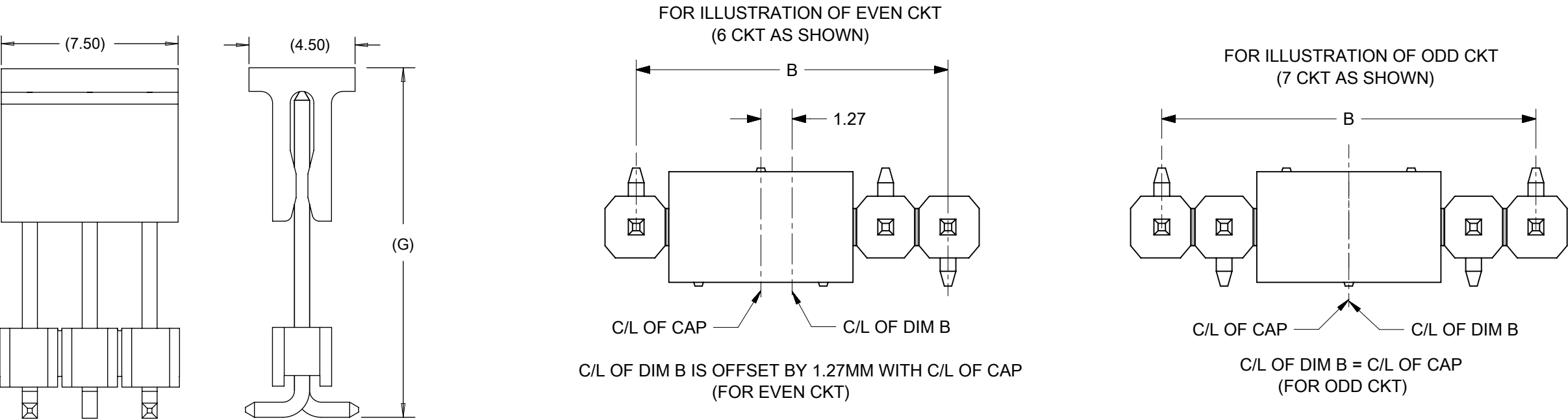


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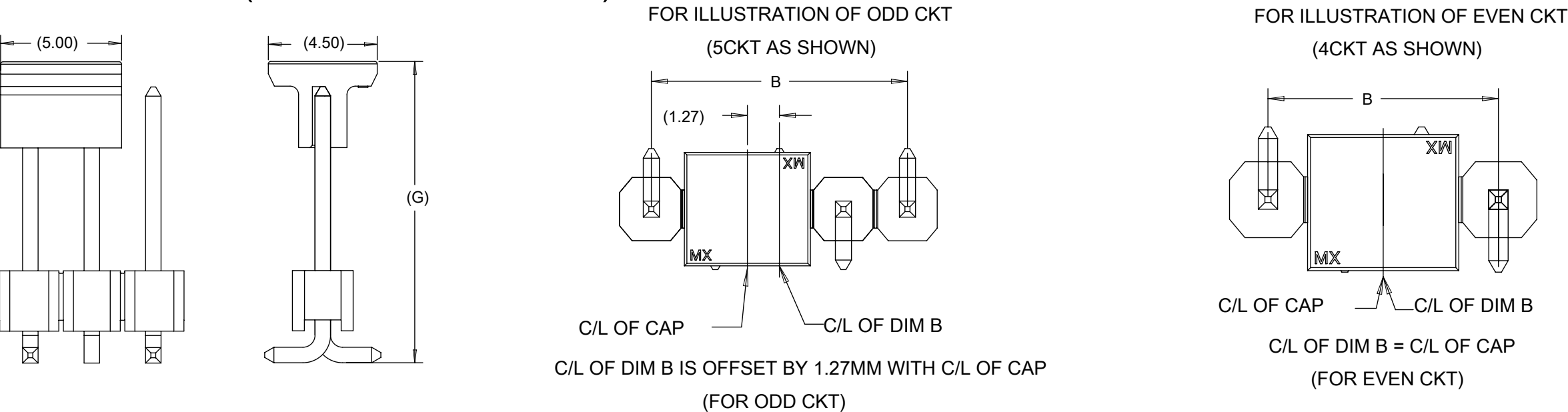


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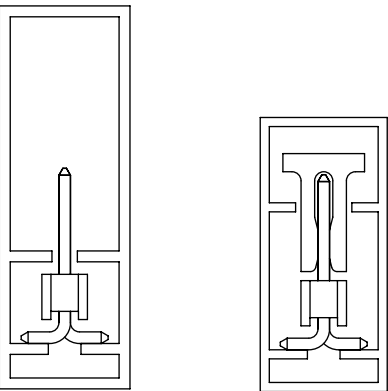
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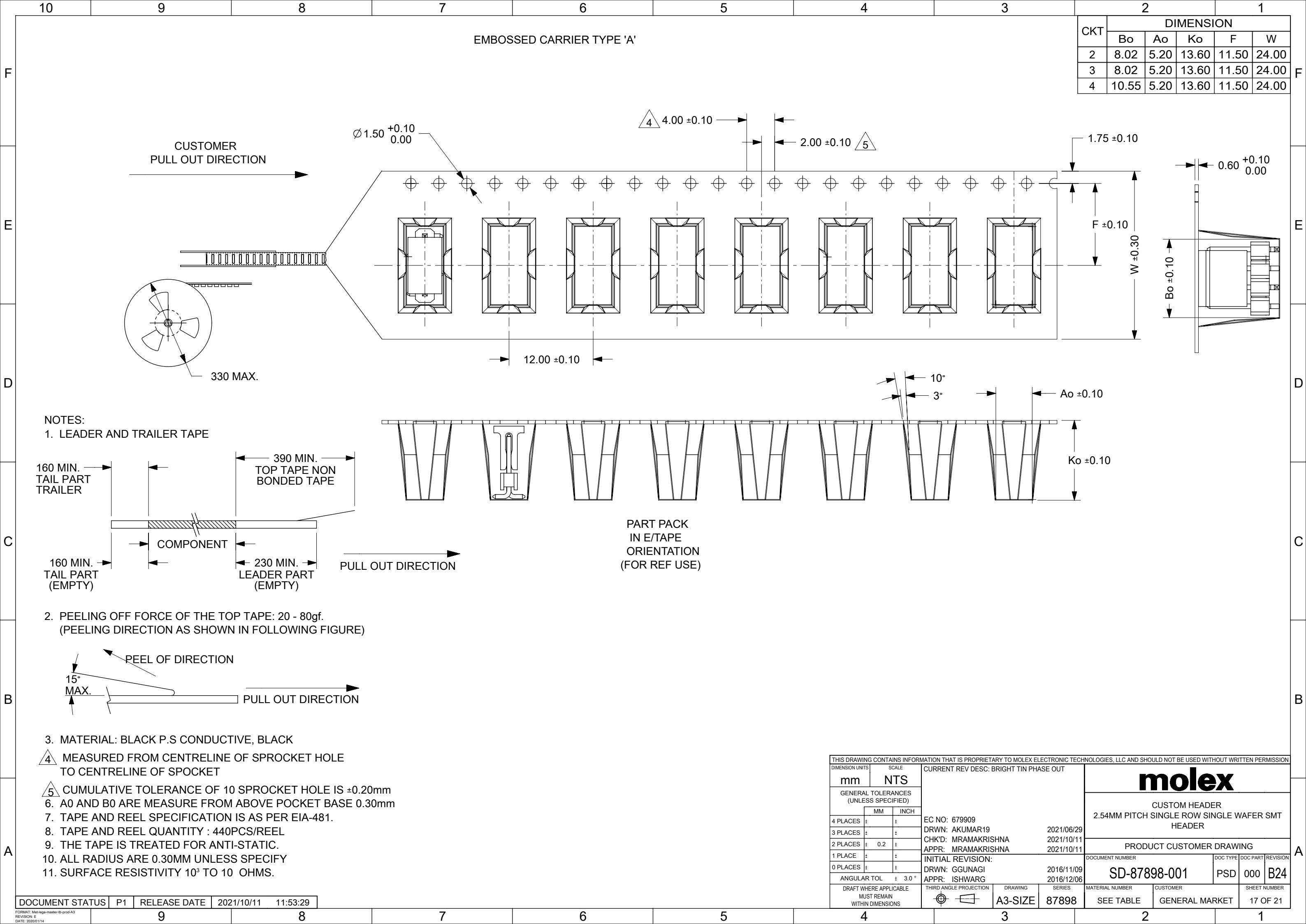


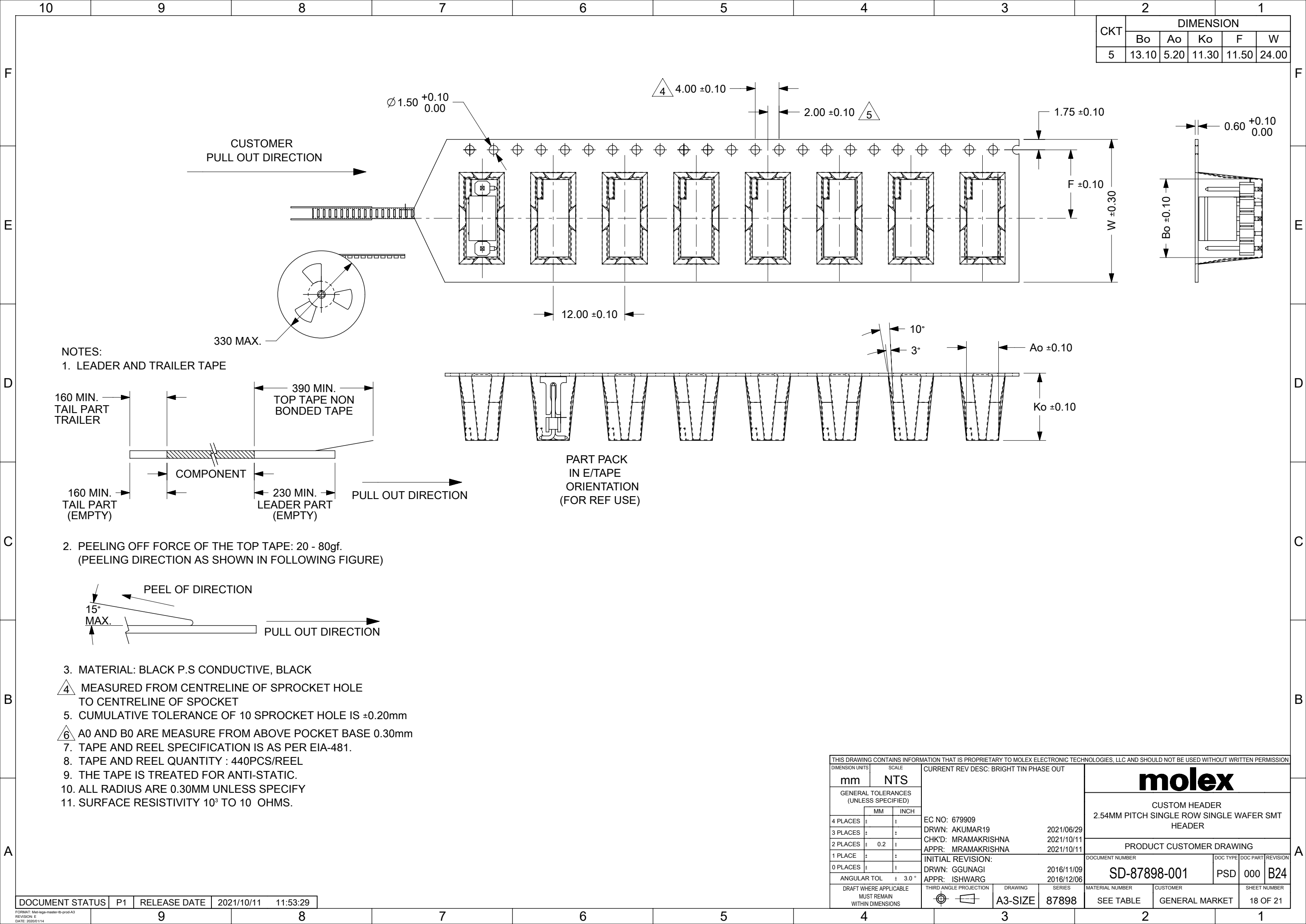
PART ORIENTATION IN TUBE

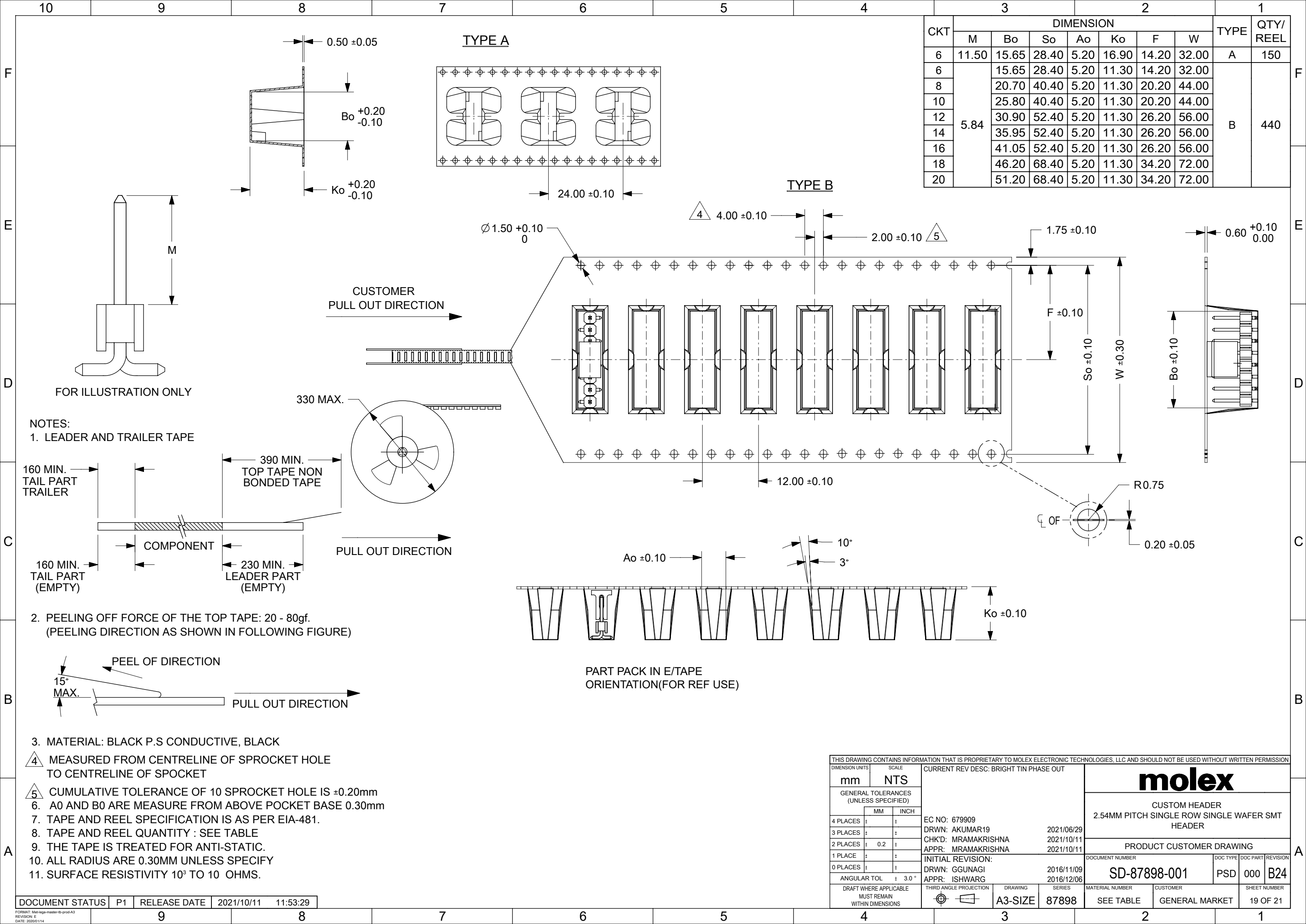


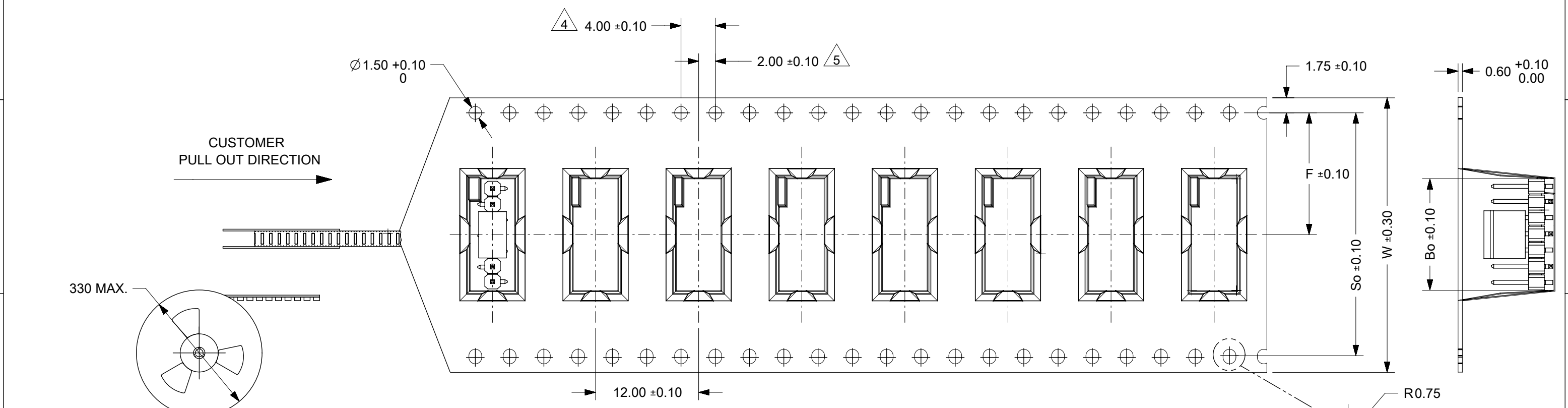
PART WITHOUT CAP PART WITH CAP

|                                                                                                                                               |   |       |      |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------|------------------|-----------|--------------|----------------|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |       |      |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| DIMENSION UNITS                                                                                                                               |   | SCALE |      | CURRENT REV DESC: BRIGHT TIN PHASE OUT                                                                                                                                                                                                           |  |        | <div>molex</div> |           |              |                |
| mm                                                                                                                                            |   | NTS   |      |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |   |       |      | <div>EC NO: 679909</div> <div>DRWN: AKUMAR192021/06/29</div> <div>CHK'D: MRAMAKRISHNA2021/10/11</div> <div>APPR: MRAMAKRISHNA2021/10/11</div> <div>INITIAL REVISION:</div> <div>DRWN: GGUNAGI2016/11/09</div> <div>APPR: ISHWARG2016/12/06</div> |  |        |                  |           |              |                |
|                                                                                                                                               |   | MM    | INCH |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| 4 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| 3 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| 2 PLACES                                                                                                                                      | ± | 0.2   |      |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| 1 PLACE                                                                                                                                       | ± |       | ±    |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| 0 PLACES                                                                                                                                      | ± |       | ±    |                                                                                                                                                                                                                                                  |  |        |                  |           |              |                |
| ANGULAR TOL ± 3.0 °                                                                                                                           |   |       |      | DOCUMENT NUMBER                                                                                                                                                                                                                                  |  |        | DOC TYPE         | DOC PART  | REVISION     |                |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |   |       |      | SD-87898-001                                                                                                                                                                                                                                     |  |        | PSD              | 000       | B24          |                |
|                                                                                                                                               |   |       |      | MATERIAL NUMBER                                                                                                                                                                                                                                  |  |        | CUSTOMER         |           | SHEET NUMBER |                |
| <div></div>                                              |   |       |      | DRAWING                                                                                                                                                                                                                                          |  | SERIES |                  | SEE TABLE |              | GENERAL MARKET |
|                                                                                                                                               |   |       |      | A3-SIZE                                                                                                                                                                                                                                          |  | 87898  |                  | 16 OF 21  |              |                |

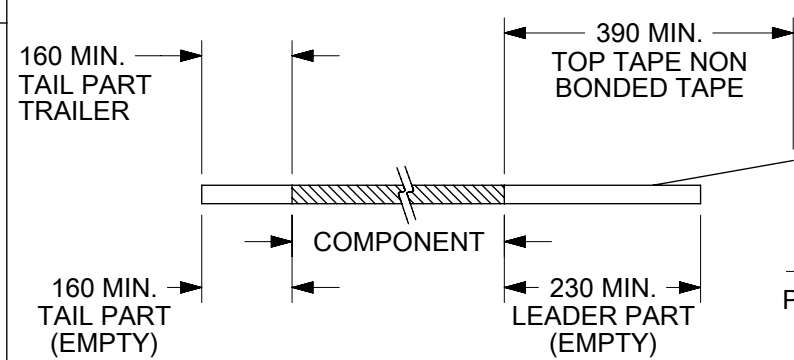




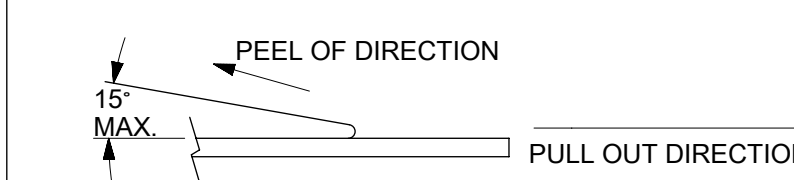




NOTES:  
1. LEADER AND TRAILER TAPE

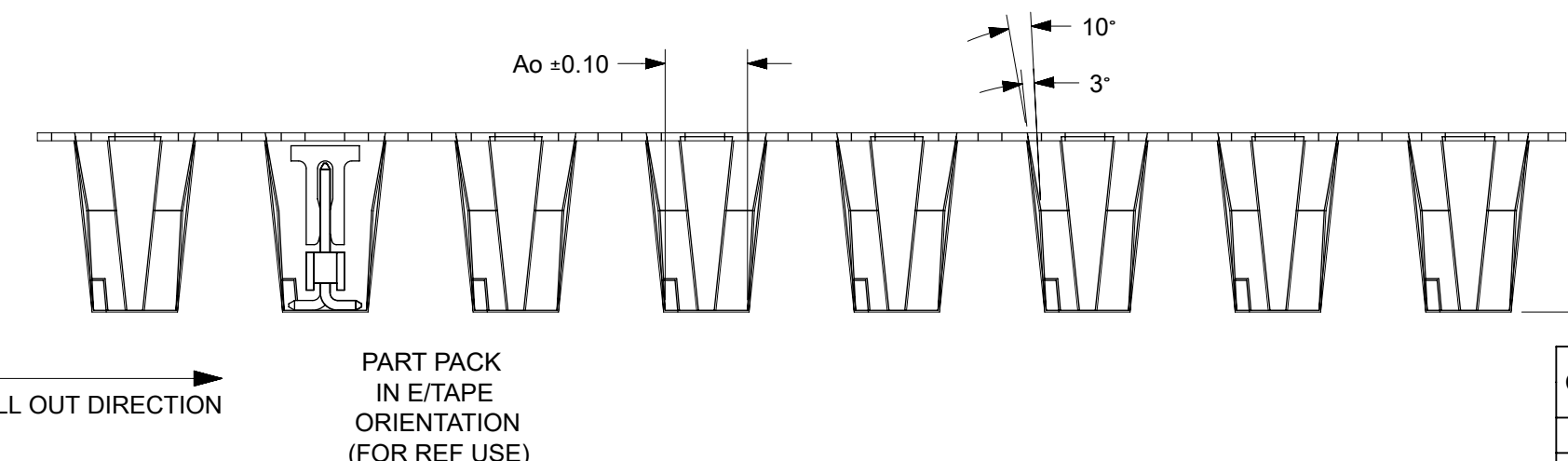


2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. MATERIAL: BLACK P.S CONDUCTIVE, BLACK

- 4 MEASURED FROM CENTRELINE OF SPROCKET HOLE TO CENTRELINE OF SPOCKET
- 5 CUMULATIVE TOLERANCE OF 10 SPROCKET HOLE IS ±0.20mm
- 6. A0 AND B0 ARE MEASURE FROM ABOVE POCKET BASE 0.30mm
- 7. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
- 8. TAPE AND REEL QUANTITY : 440PCS/REEL
- 9. THE TAPE IS TREATED FOR ANTI-STATIC.
- 10. ALL RADIUS ARE 0.30MM UNLESS SPECIFY
- 11. SURFACE RESISTIVITY 10³ TO 10 OHMS.



| CKT | DIMENSION |       |      |       |       |       |
|-----|-----------|-------|------|-------|-------|-------|
|     | Bo        | So    | Ao   | Ko    | F     | W     |
| 7   | 18.20     | 40.40 | 5.20 | 11.30 | 20.20 | 44.00 |
| 9   | 23.25     | 40.40 | 5.20 | 11.30 | 20.20 | 44.00 |
| 11  | 28.35     | 40.40 | 5.20 | 11.30 | 20.20 | 44.00 |
| 13  | 33.40     | 52.40 | 5.20 | 11.30 | 26.20 | 56.00 |
| 15  | 38.50     | 52.40 | 5.20 | 11.30 | 26.20 | 56.00 |
| 17  | 43.60     | 68.40 | 5.20 | 11.30 | 34.20 | 72.00 |
| 19  | 48.70     | 68.40 | 5.20 | 11.30 | 34.20 | 72.00 |
| 21  | 53.80     | 68.40 | 5.20 | 11.30 | 34.20 | 72.00 |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2021/10/11 | 11:53:29 |
|-----------------|----|--------------|------------|----------|

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|                                                      |         |
|------------------------------------------------------|---------|
| DIMENSION UNITS                                      | SCALE   |
| mm                                                   | NTS     |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |         |
|                                                      | MM      |
| 4 PLACES                                             | ±       |
| 3 PLACES                                             | ±       |
| 2 PLACES                                             | ± 0.2   |
| 1 PLACE                                              | ±       |
| 0 PLACES                                             | ±       |
| ANGULAR TOL                                          | ± 3.0 ° |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         |

CURRENT REV DESC: BRIGHT TIN PHASE OUT

EC NO: 679909  
DRWN: AKUMAR19  
CHK'D: MRAMAKRISHNA  
APPR: MRAMAKRISHNA

2021/06/29  
2021/10/11  
2021/10/11

INITIAL REVISION:  
DRWN: GGUNAGI  
APPR: ISHWARG

2016/11/09  
2016/12/06

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

**molex**

CUSTOM HEADER  
2.54MM PITCH SINGLE ROW SINGLE WAFER SMT  
HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER  
**SD-87898-001**

DOC TYPE  
PSD

DOC PART  
000

REVISION  
B24

SEE TABLE

GENERAL MARKET

20 OF 21

A3-SIZE

87898

