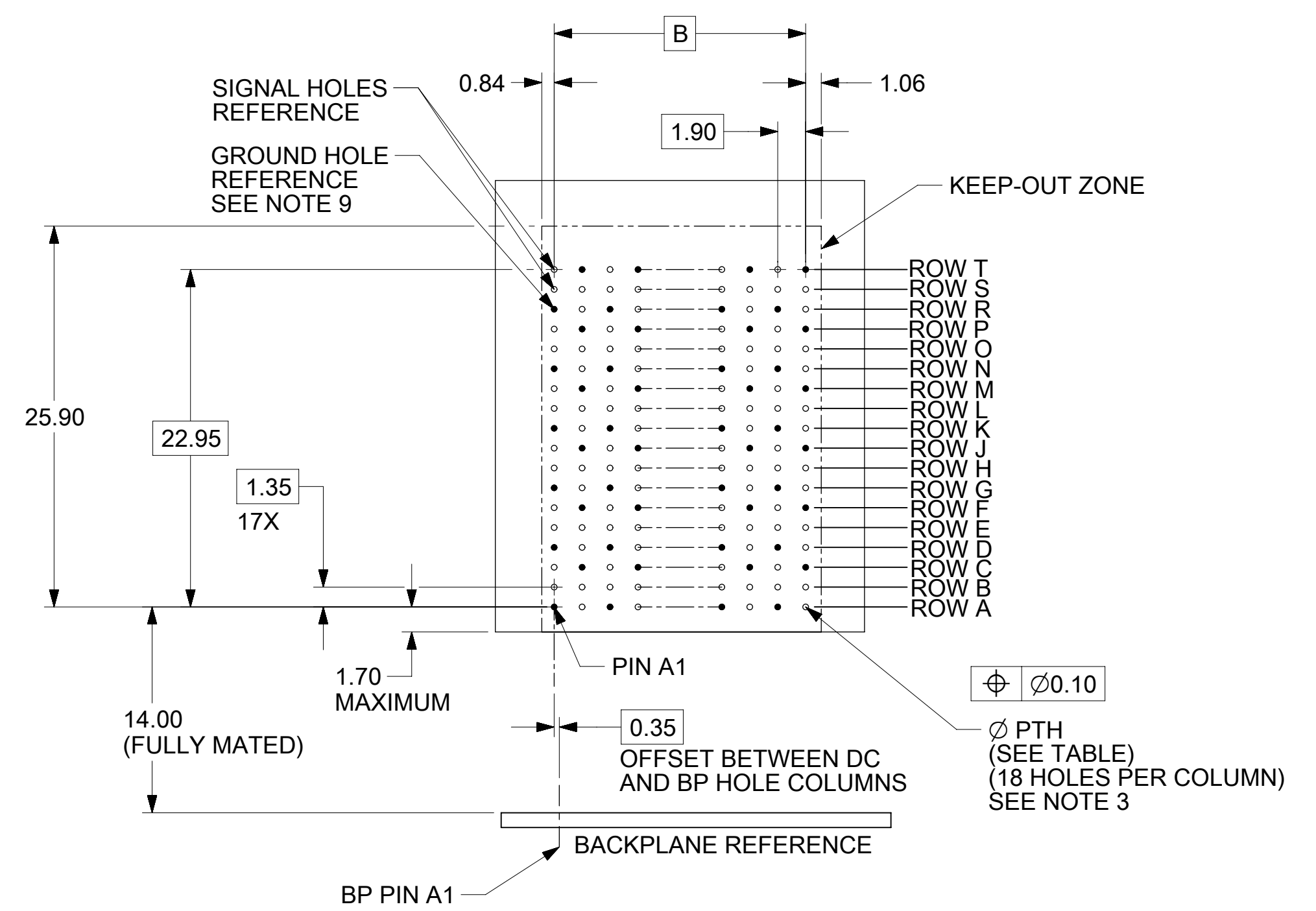
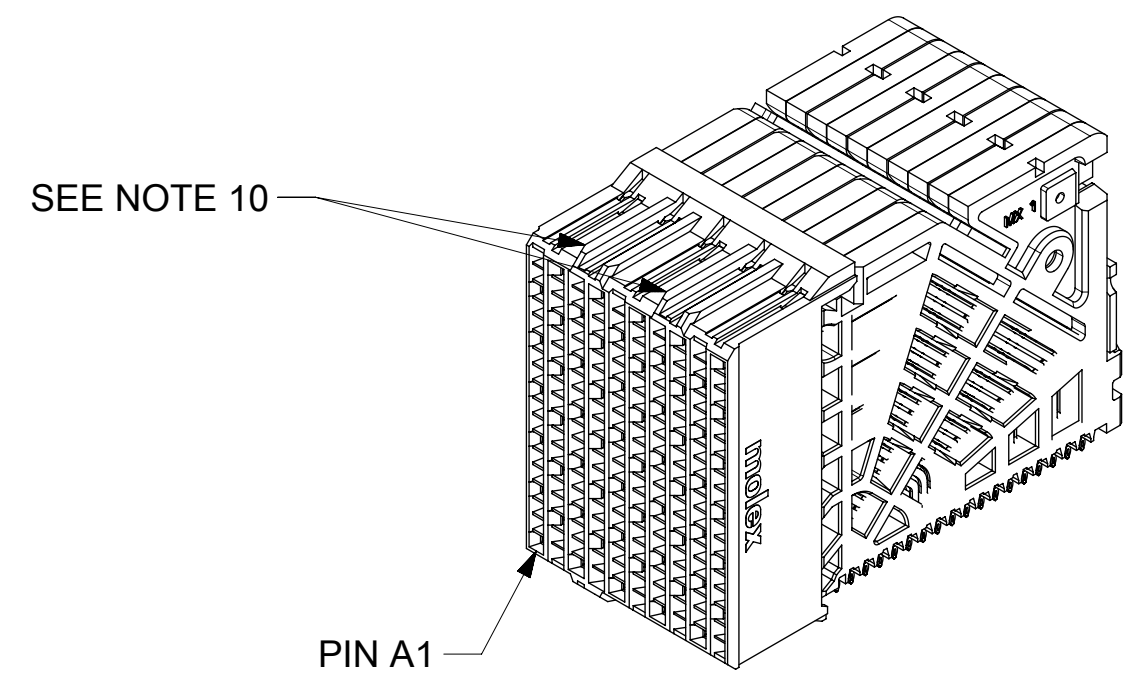
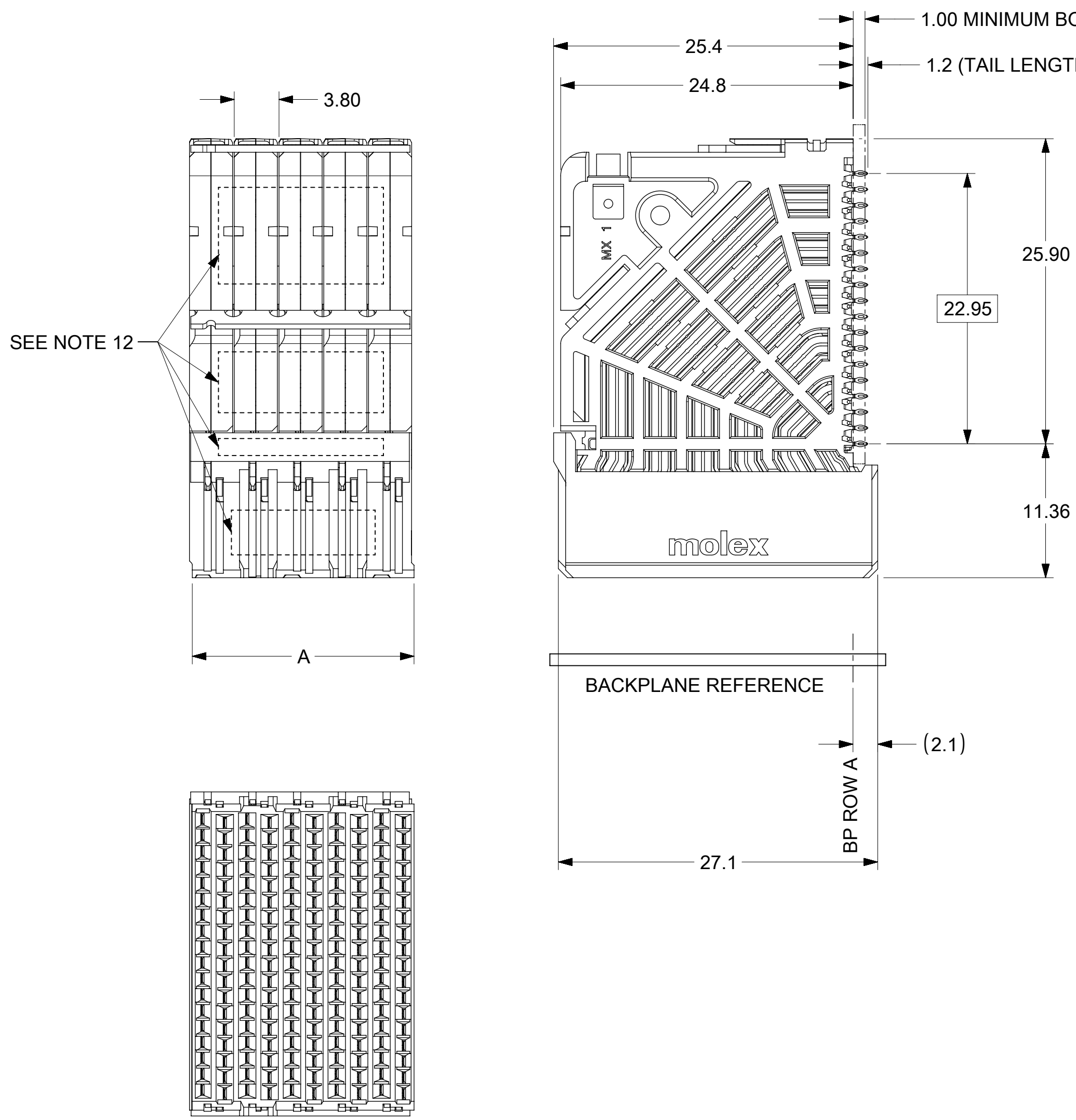




- NOTES:
1. MATERIALS: HOUSING - LCP (LIQUID CRYSTAL POLYMER), GLASS FILLED, UL94V-0. TERMIALNS - HIGH PERFORMANCE COPPER ALLOY.
 2. FINISH: 30 MICROINCHES MINIMUM GOLD IN CONTACT AREA; SELECTIVE MATTE TIN ON PCB TAILS; NICKEL UNDERPLATE OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 5. PRODUCT IS PACKAGED PER PK-70873-589.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-170535-0001 AND RSD-170532-**** FOR THE MATING HEADERS.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO PRESENCE OF PLUS CLIP.
 10. PART NUMBER 170540-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
 11. MINIMUM BOARD THICKNESS IS 1.00mm FOR COMPLIANT PIN FUNCTIONALITY.
 12. MARKING: LOCATED APPROXIMATELY AS SHOWN, PART NUMBER AND DATE CODE.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

SYMBOLS										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: ADD 14 COL OPTIONS									
= 0					mm					3:1									
= 0					GENERAL TOLERANCES (UNLESS SPECIFIED)														
= 0					ANGULAR TOL ± 0.5°														
= 0					4 PLACES ±														
= 0					3 PLACES ±														
= 0					2 PLACES ± 0.13														
= 0					1 PLACE ± 0.25														
= 0					0 PLACES ±														
= 0					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS														
= 0					THIRD ANGLE PROJECTION														
= 0					DRAWING														
= 0					C-SIZE														
= 0					SERIES														
= 0					170540														
= 0					MATERIAL NUMBER														
= 0					SEE TABLE														
= 0					CUSTOMER														
= 0					GENERAL MARKET														
= 0					SHEET NUMBER														
= 0					1 OF 2														

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/28	17:05:04
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MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIMNEISON A MAXIMUM	DIMENSION B	PTH Ø
1705401008	8	48	15.20	13.30	0.46±0.05
1705401010	10	60	19.00	17.10	
1705401014	14	84	26.60	24.70	
1705401016	16	96	30.40	28.50	
1705401038	8	48	15.20	13.30	0.39±0.05
1705401020	10	60	19.00	17.10	
1705401024	14	84	26.60	24.70	
1705401026	16	96	30.40	28.50	

170540- 1 0 * *

MODULE & TAIL PLATING TYPE
1 = UNGUIDED, LEAD-FREE

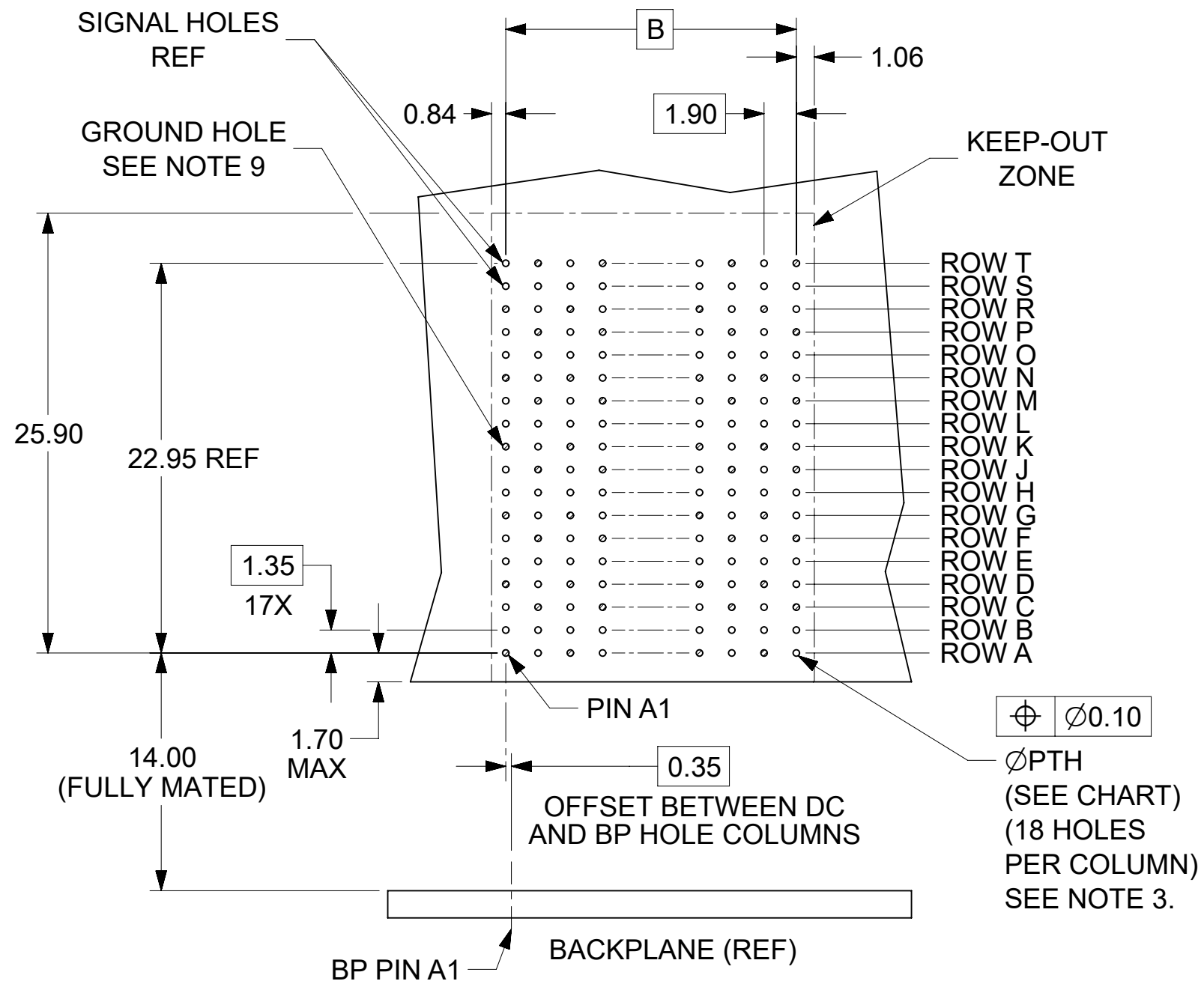
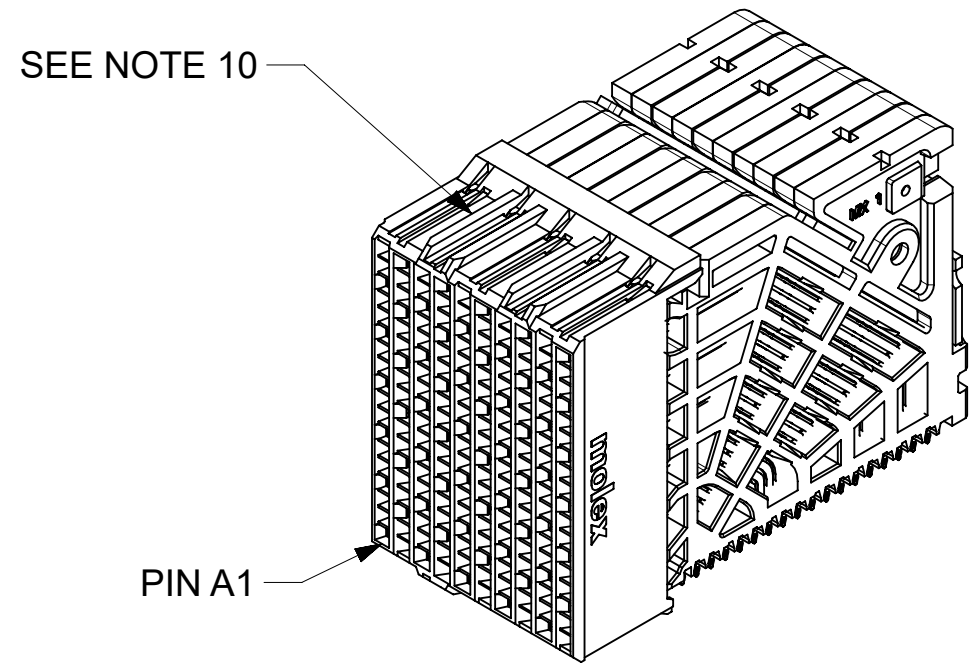
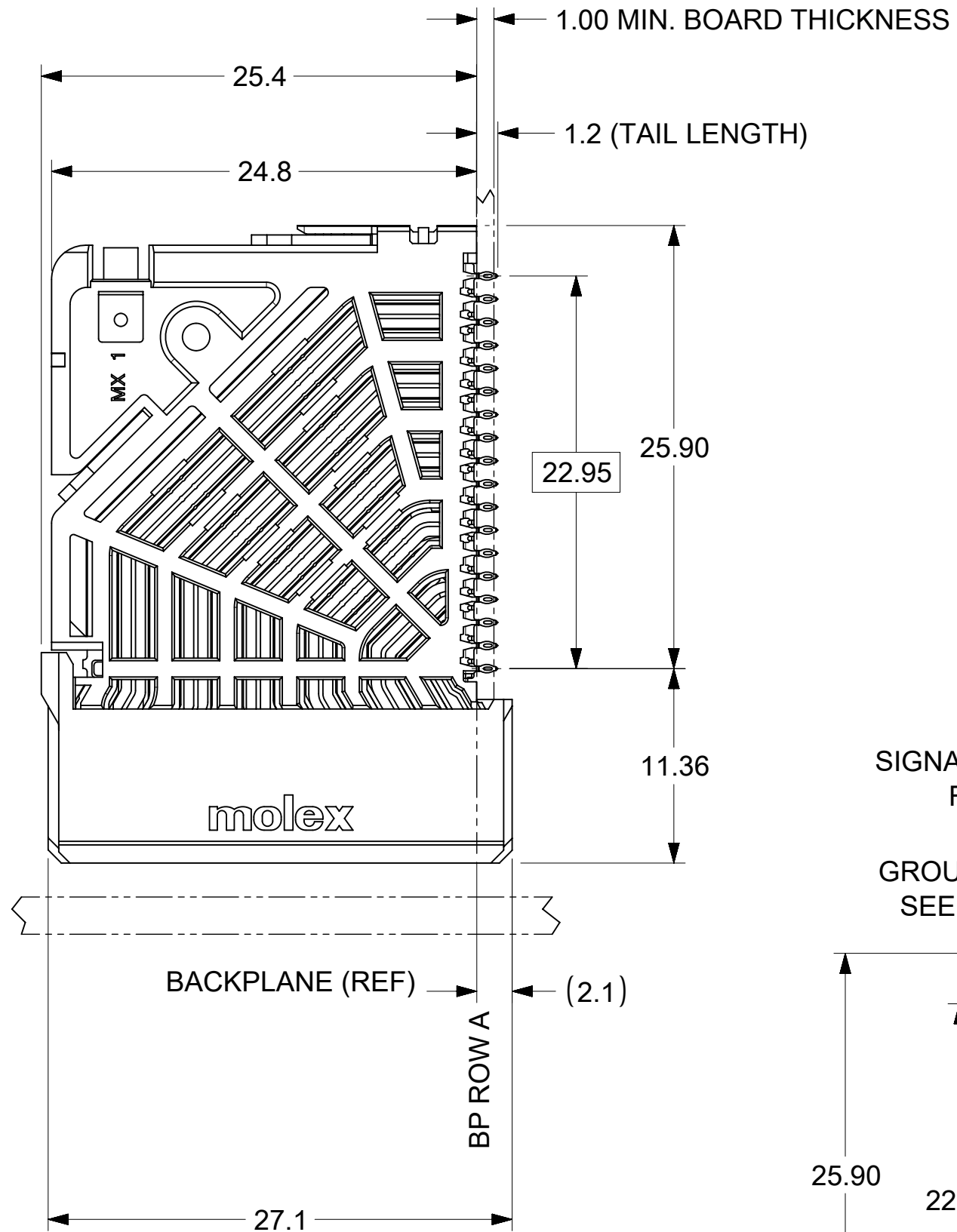
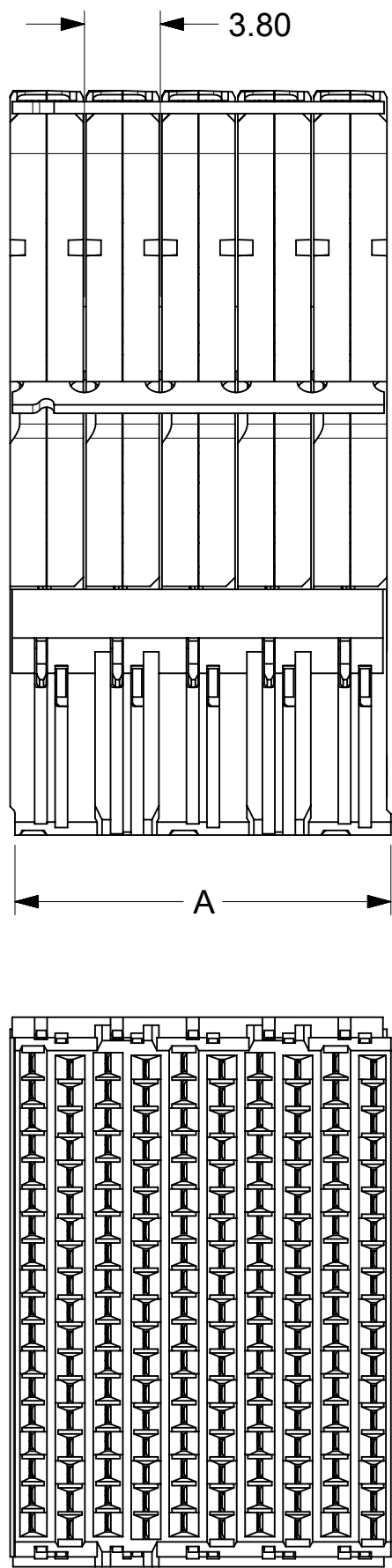
NUMBER OF COLUMNS

08 = 8 COLUMN 0.46 PTH
10 = 10 COLUMN 0.46 PTH
14 = 14 COLUMN 0.46 PTH
16 = 16 COLUMN 0.46 PTH

38 = 8 COLUMN 0.39 PTH
20 = 10 COLUMN 0.39 PTH
24 = 14 COLUMN 0.39 PTH
26 = 16 COLUMN 0.39 PTH

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	mm		SCALE 1:1		CURRENT REV DESC: ADD 14 COL OPTIONS EC NO: 603057 DRWN: DMORGAN 2018/04/09 CHK'D: TELO 2018/08/28 APPR: TELO 2018/08/28				molex IMPACT 6 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING				
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 0.5°								PRODUCT CUSTOMER DRAWING				
	4 PLACES ±												
	3 PLACES ±				INITIAL REVISION: DRWN: KBENES 2012/08/17 APPR: TELO 2012/08/23				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	2 PLACES ± 0.13								SD-170540-0001		PSD	001	D
	1 PLACE ± 0.25												
	0 PLACES ±												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
					C-SIZE	170540	SEE TABLE		GENERAL MARKET		2 OF 2		

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/28	17:05:04
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- NOTES:
- 1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 - 2. FINISH: 10µIN MIN GOLD IN CONTACT AREA, SELECTIVE TIN
ON PCB TAILS, NICKEL OVERALL.
 - 3. REFER TO MOLEX PRODUCT SPEC PS-170540-999 FOR PERFORMANCE SPECIFICATIONS
AND ADDITIONAL PCB INFORMATION.
 - 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 - 5. PRODUCT IS PACKAGED PER PK-70873-589.
 - 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 - 7. REFER TO MOLEX SALES DRAWING SD-170535-0001 AND RSD-170532-XXXX FOR THE
MATING HEADERS.
 - 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
 - 9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO
PRESENCE OF PLUS CLIP.
 - 10. PART NUMBER 170540-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
 - 11. MINIMUM BOARD THICKNESS IS 1.00MM FOR COMPLIANT PIN FUNCTIONALITY.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

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: REMASTERED TO NX			molex				
mm		NTS									
GENERAL TOLERANCES (UNLESS SPECIFIED)							IMPACT 6 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL UNGUIDED SALES DWG MAPS				
	MM	INCH	EC NO: 705090 DRWN: SKANDB2021/10/02 CHK'D: DYARAS2022/02/10 APPR: LZENG2022/05/13 INITIAL REVISION: DRWN: MKRAUSE2015/02/09 APPR: TELO2015/03/02			PRODUCT CUSTOMER DRAWING					
4 PLACES	±	±									
3 PLACES	±	±				DOCUMENT NUMBER SD-173120-0001			DOC TYPE PSD	DOC PART 001	REVISION B
2 PLACES	±	0.13 ±									
1 PLACE	±	0.25 ±				MATERIAL NUMBER SEE TABLE			CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2
0 PLACES	±	±									
ANGULAR TOL ± 0.5 °			THIRD ANGLE PROJECTION 			DRAWING C-SIZE		SERIES 173120			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTHØ
173120-1008	8	48	15.20	13.30	0.46 ±0.05
173120-1010	10	60	19.00	17.10	
173120-1016	16	96	30.40	28.50	
173120-1038	8	48	15.20	13.30	0.39 ±0.05
173120-1020	10	60	19.00	17.10	
173120-1026	16	96	30.40	28.50	

173120-10**

MODULE & TAIL PLATING TYPE
1 = UNGUIDED, LEAD-FREE

OF COLUMNS
08 = 8 COL 0.46 PTH
10 = 10 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
26 = 16 COL 0.39 PTH
38 = 08 COL 0.39 PTH

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: REMASTERED TO NX				molex IMPACT 6 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL UNGUIDED SALES DWG MAPS					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 705090 DRWN: SKANDB 2021/10/02 CHK'D: DYARAS 2022/02/10 APPR: LZENG 2022/05/13								PRODUCT CUSTOMER DRAWING	
		MM	INCH										
4 PLACES	±		±										
3 PLACES	±		±										
2 PLACES	±	0.13	±										
1 PLACE	±	0.25	±	INITIAL REVISION: DRWN: MKRAUSE 2015/02/09 APPR: TELO 2015/03/02				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
0 PLACES	±		±					SD-173120-0001		PSD	001	B	
ANGULAR TOL		±	0.5 °	THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						C-SIZE	173120	SEE TABLE		GENERAL MARKET		2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/13	03:05:16
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12

11

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FORMAT: Engage-Master-Dwgs-C
REVISION: E1
DATE: 2022/05/01