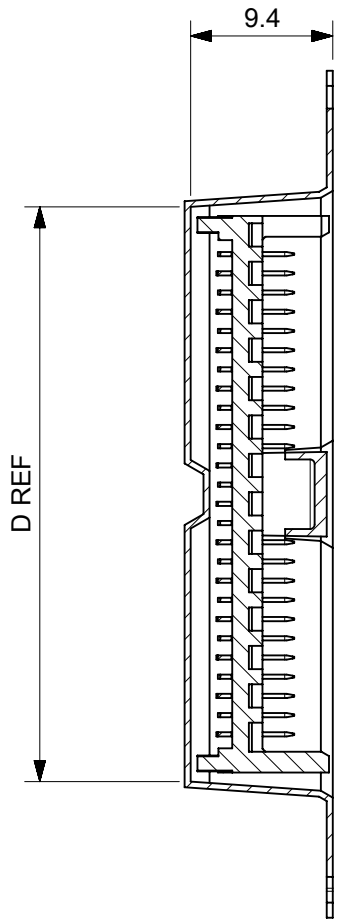
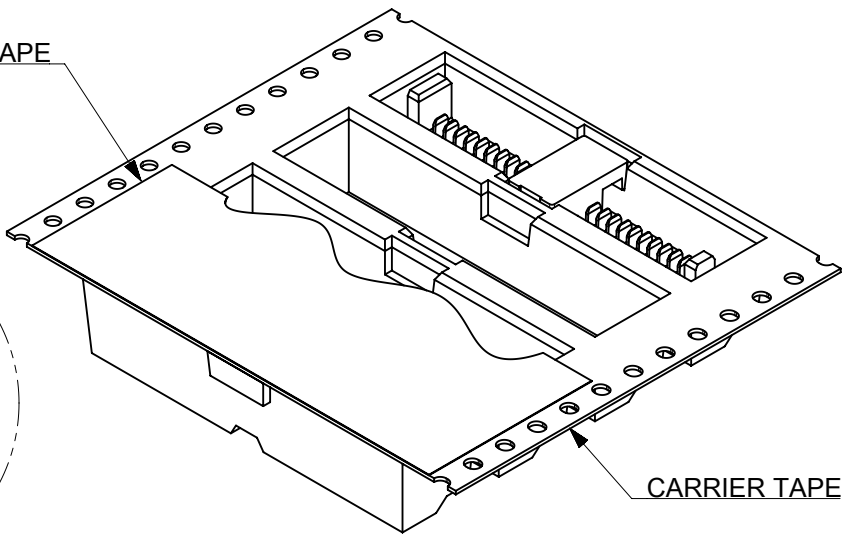
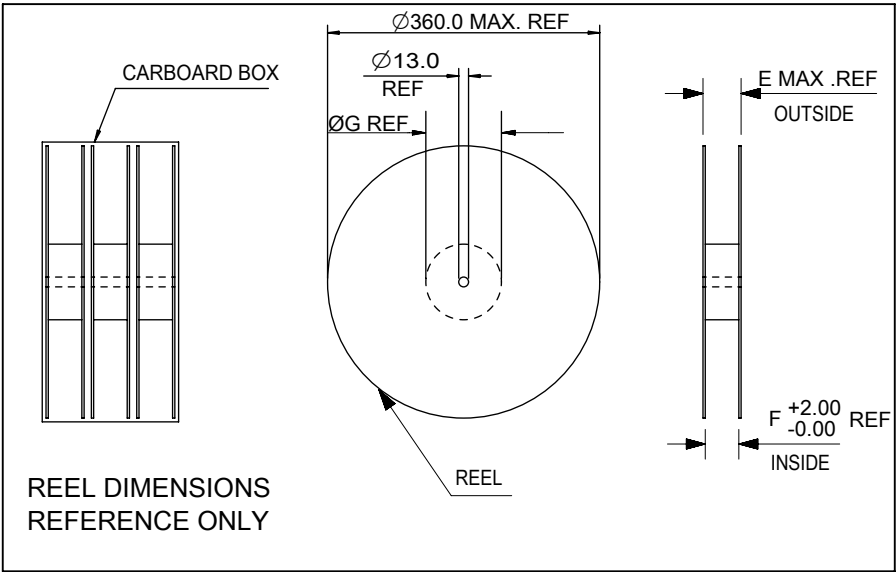
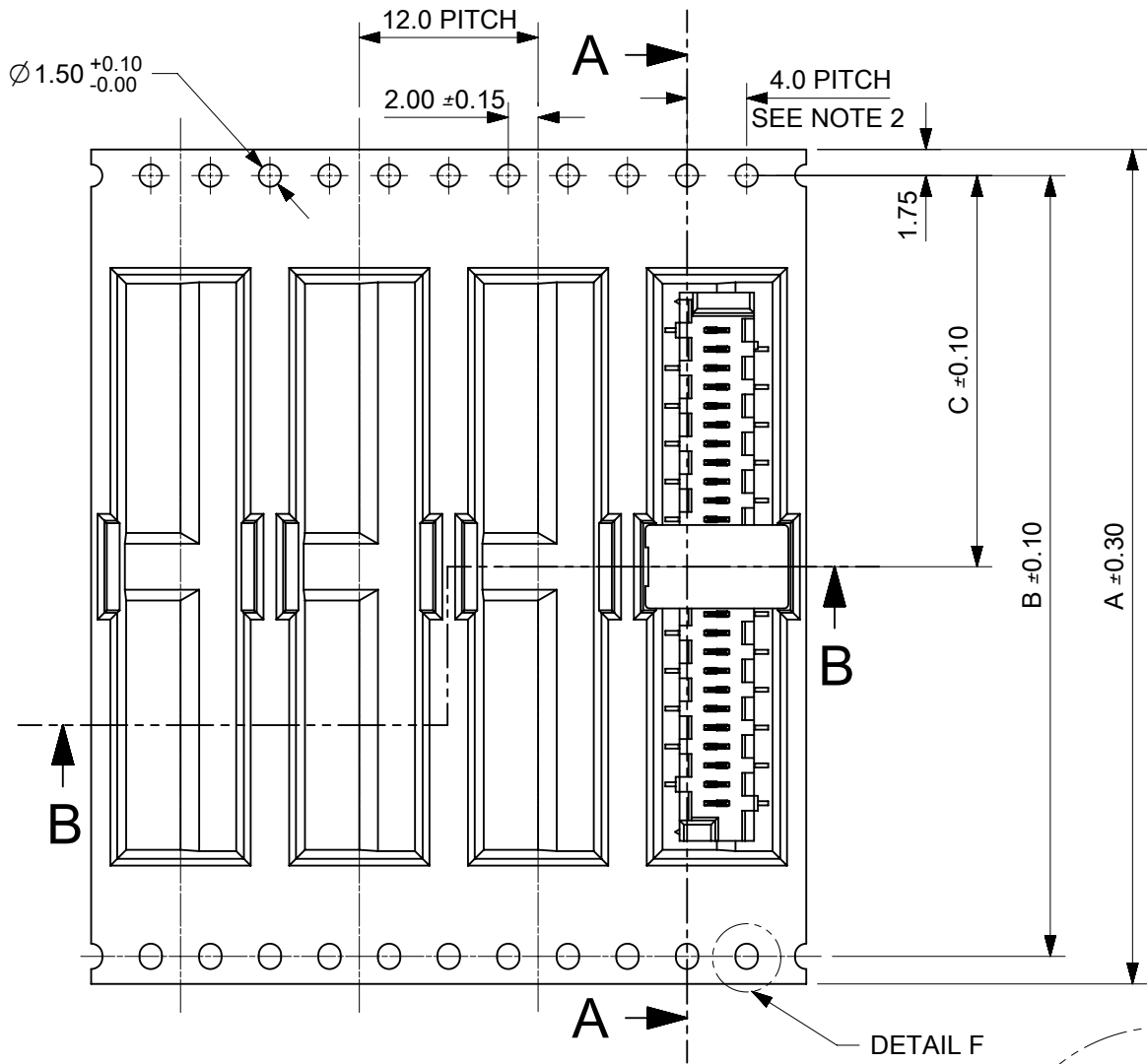


CARRIER TAPE FOR STANDARD SMT HEADERS.

PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIECES PER BOX	REELS PER BOX	PIECES PER REEL
90814-*226/*526	26	56.0	52.4	26.2	38.0	62.4	56.4	150.0	1200	2	600
90814-*224/*524	24										
90814-*222/*522	22										



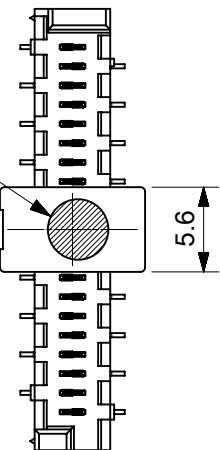
SECTION A-A



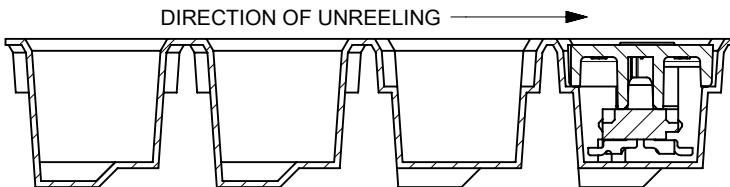
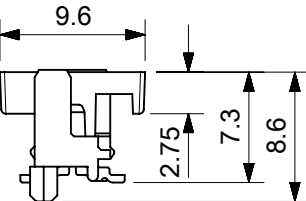
STANDARD SMT PICO FLEX
COMPONENT & CAP DETAIL
PART NUMBERS 90814-*2**/*5**

SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL

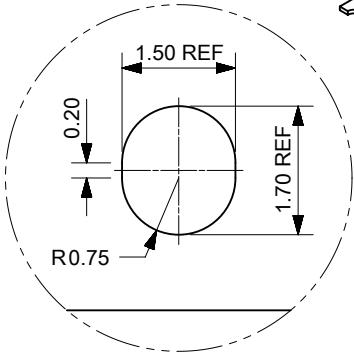
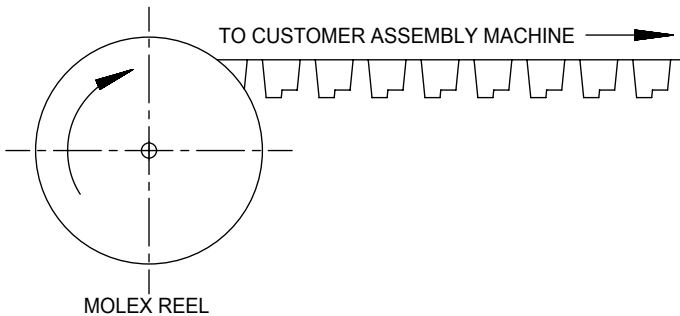
AREA FOR VACUUM
HEAD Ø4.00 REF.



PICK & PLACE CAP



SECTION B-B



DETAIL F
SCALE 10:1

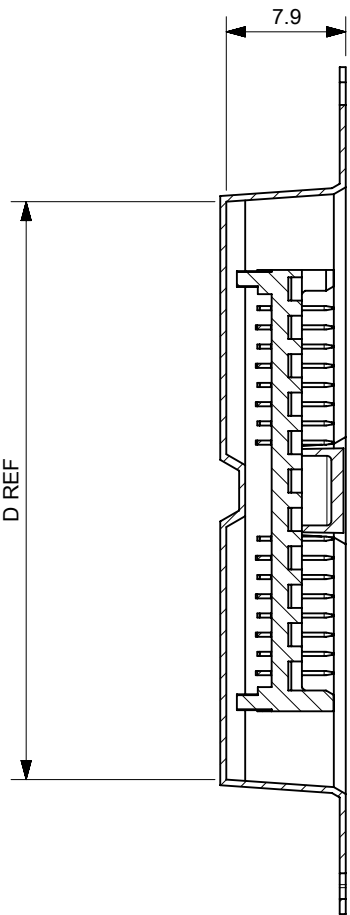
NOTES:

1. MATERIAL:
CARRIER TAPE: VOLUME NON-CONDUCTIVE ANTISTATIC COATED POLYSTYRENE, 0.4 mm REF. THICK, CLEAR.
COVER TAPE: COLD SEAL POLYESTER, 0.06 mm REF. THICK, TRANSPARENT.
2. PITCH TOLERANCE OVER ANY 10 PITCHES ±0.2 mm.
3. ALL CAVITY WALLS HAVE DRAFT ANGLE UNLESS STATED OTHERWISE.
4. ALL INTERNAL RADII R0.3 mm MAX.
5. PEEL FORCE OF THE COVER TAPE IS 0.1 N TO 1.3 N AT MAXIMUM PEEL SPEED OF 300 mm/MIN, ±10%.
6. REFERENCE TO IEC 60286-3.

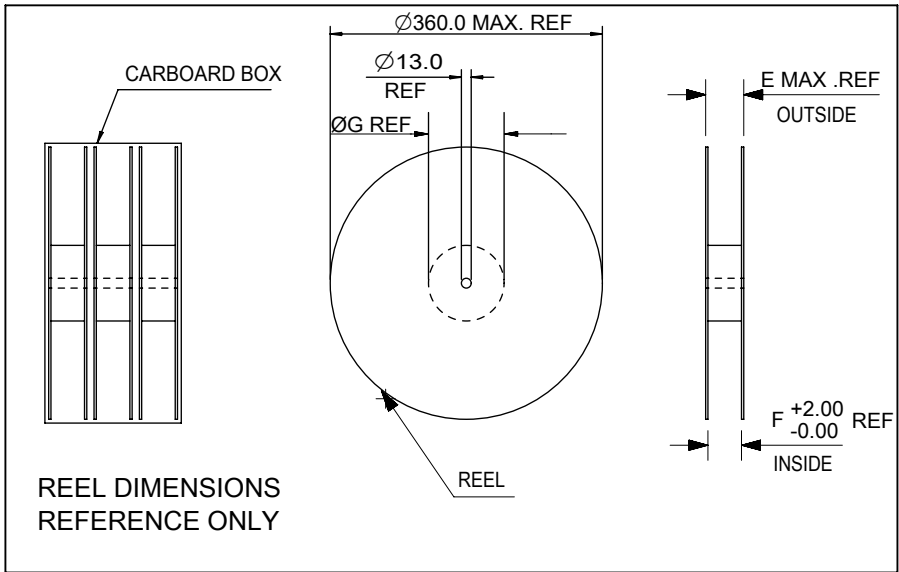
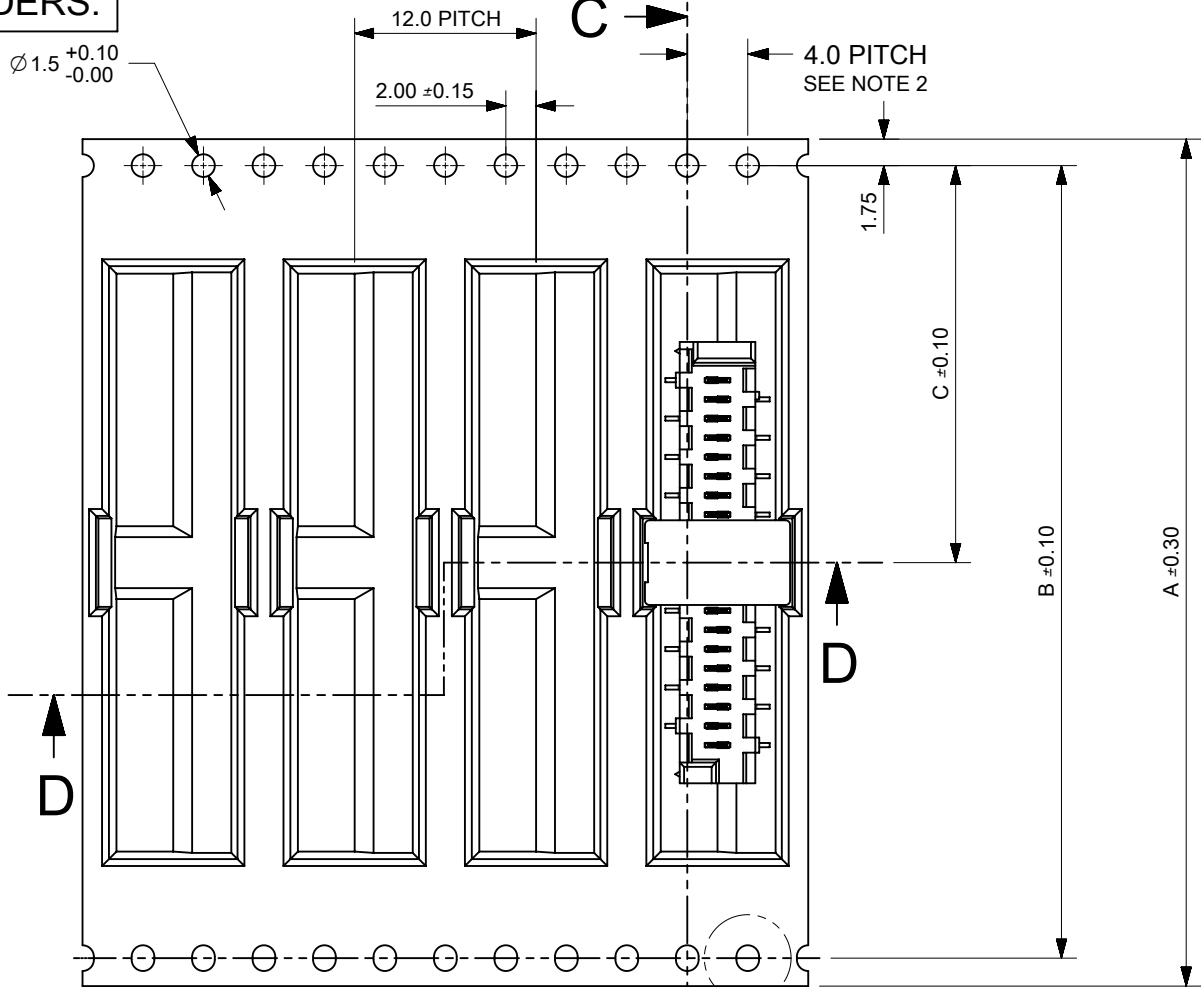
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED				mo lex			
mm		1.5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)								PICOFLEX SMT HEADER BLISTER TAPE			
ANGULAR TOL ± 2.0 °											
4 PLACES		±		EC NO: 169568				PRODUCT CUSTOMER DRAWING			
3 PLACES		±		DRWN: BPMURPHY 2017/12/05							
2 PLACES		± 0.1		CHK'D: DSHEA 2018/04/13							
1 PLACE		± 0.2		APPR: DBYRNES 2018/04/18				DOCUMENT NUMBER			
0 PLACES		±		INITIAL REVISION:				908149001		DOC TYPE	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: BPMURPHY 2017/09/25				PSD		DOC PART	
				APPR: DBYRNES 2017/11/17				000		REVISION	
								B			
				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		90814		CUSTOMER	
								SEE TABLE		GENERAL MARKET	
										SHEET NUMBER	
										1 OF 2	

CARRIER TAPE FOR LOW-PROFILE SMT HEADERS.

PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIECES PER BOX	REELS PER BOX	PIECES PER REEL
90814-*726/*926	26	56.0	52.4	26.2	38.0	62.4	56.4	150.0	1200	2	600
90814-*724/*924	24										
90814-*722/*922	22										



SECTION C-C

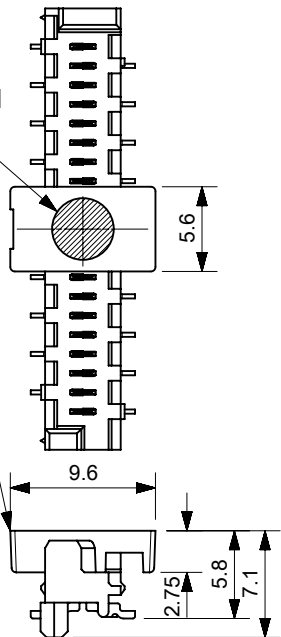


LOW-PROFILE SMT PICO FLEX
COMPONENT & CAP DETAIL
PART NUMBERS 90814-*7**/*9**

SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL

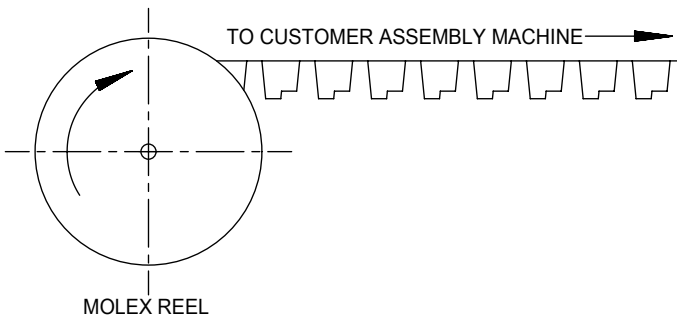
AREA FOR VACUUM
HEAD Ø4.00 REF.

PICK & PLACE CAP

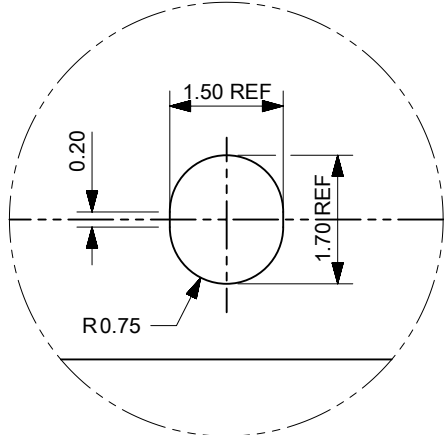


DIRECTION OF UNREELING

SECTION D-D

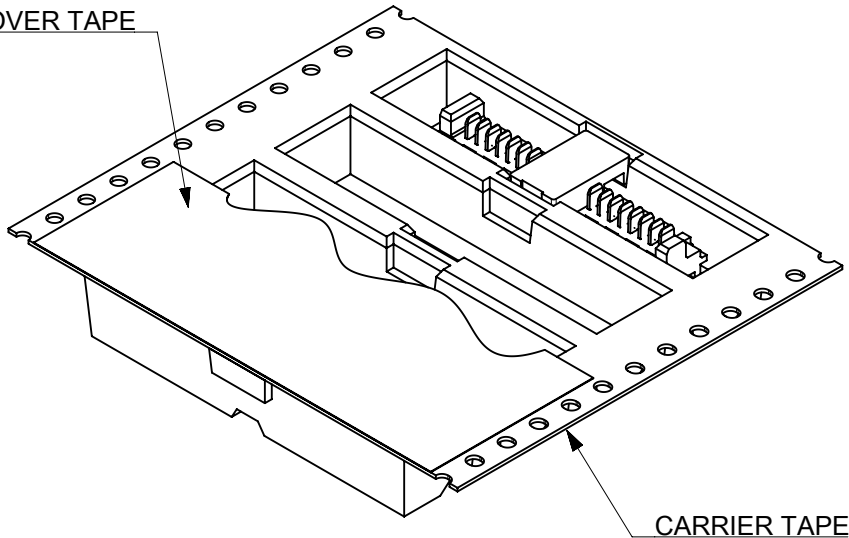


DETAIL E



DETAIL E
SCALE 10:1

COVER TAPE



NOTES:

1. MATERIAL:

CARRIER TAPE: VOLUME NON-CONDUCTIVE ANTISTATIC COATED POLYSTYRENE, 0.4 mm REF. THICK, CLEAR.

COVER TAPE: COLD SEAL POLYESTER, 0.06 mm REF. THICK, TRANSPARENT.

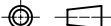
2. PITCH TOLERANCE OVER ANY 10 PITCHES ±0.2 mm.

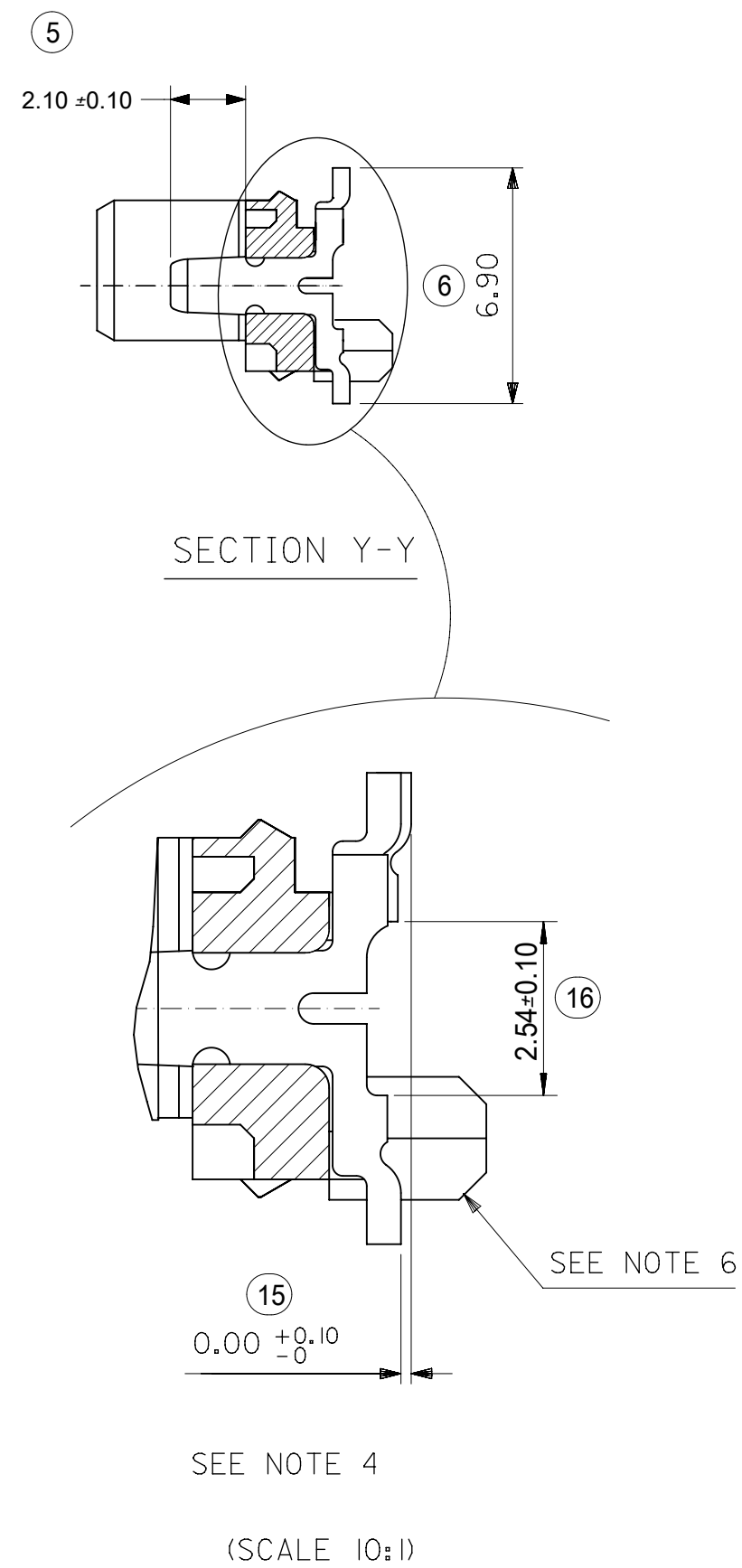
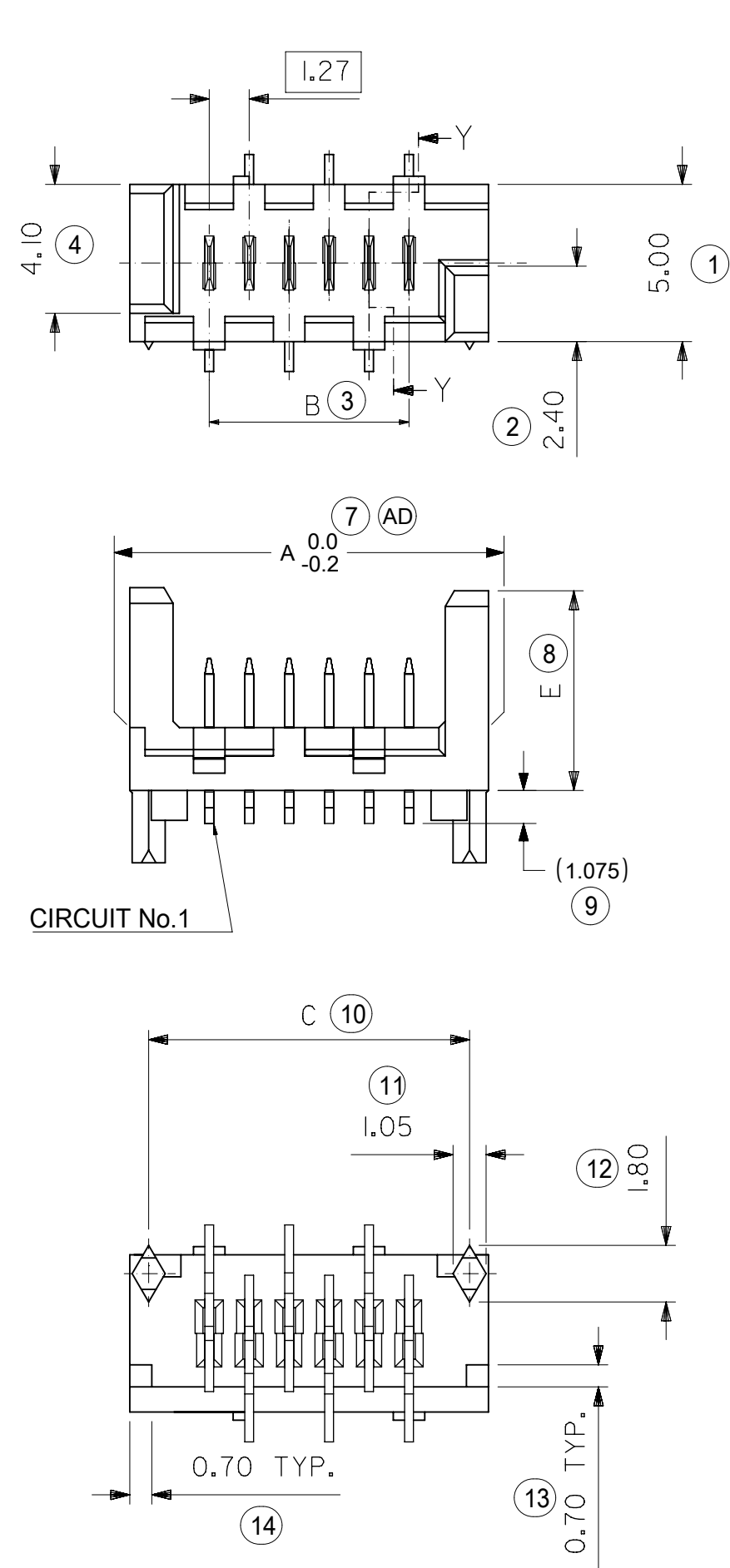
3. ALL CAVITY WALLS HAVE DRAFT ANGLE UNLESS STATED OTHERWISE.

4. ALL INTERNAL RADII R0.3 mm MAX.

5. PEEL FORCE OF THE COVER TAPE IS 0.1 N TO 1.3 N AT MAXIMUM PEEL SPEED OF 300 mm/MIN, ±10%.

6. REFERENCE TO IEC 60286-3.

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: REVISED		molex						
mm		1.5:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 169568		PICO FLEX SMT HEADER BLISTER TAPE						
ANGULAR TOL ± 2.0°				DRWN: BPMURPHY 2017/12/05								
4 PLACES ±				CHK'D: DSHEA 2018/04/13								
3 PLACES ±				APPR: DBYRNES 2018/04/18		PRODUCT CUSTOMER DRAWING						
2 PLACES ± 0.1				INITIAL REVISION:								
1 PLACE ± 0.2				DRWN: BPMURPHY 2017/09/25		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
0 PLACES ±				APPR: DBYRNES 2017/11/17		908149001		PSD	000	B		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
						A3-SIZE		90814		SEE TABLE		GENERAL MARKET



NOTES:

1) MATERIAL: HOUSING: NYLON (PA) GLASS FILLED. UL94 V-0, NATURAL (BEIGE)
TERMINAL - CARTRIDGE BRASS 0.28 REF THICK

2) PLATING:

TIN: TIN (Sn) 3-5 MICROMETRE OVER 1.27 MICROMETRE MIN NICKEL(Ni).

GOLD : UNDERPLATED 1.27μm MIN NICKEL

3-5μm TIN SELECTIVE

0.76μm MIN. SELECTIVE GOLD

3) MATES WITH MOLEX 90327 PART SERIES.

4) ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF 0.0 - 0.10 REF. FROM EACH OTHER.

5) FOR TAPE AND REEL PACKAGING SEE 908149001 PSD AND 908149002 PSD.
FOR TUBE PACKAGING SEE PK-90814-001

6) PCB PEGS ARE OPTIONAL.

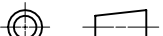
7) PCB LAYOUT SHOWN ON SHEET 2.

8) PRODUCT SPECIFICATION: PS-99020-0011

9) FOR RECOMMENDED REFLOW PROFILES, REFER TO PS-99020-0011 APPENDIX B

INSPECTION NUMBERS USED ON SHEET 1: 1-50

LAST INSPECTION NUMBER: 16

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: TYPO ERROR CORRECTED				molex					
mm		5:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)				PICOFLEX SMT HEADER									
ANGULAR TOL ± 0.5 °													
4 PLACES		±		EC NO: 647680 DRWN: SMAHAJANSHET 2020/10/23 CHK'D: NCSR 2020/10/23 APPR: NCSR 2020/10/23									
3 PLACES		±											
2 PLACES		± 0.1		INITIAL REVISION: DRWN: DMCNAMAR 2001/08/16 APPR: EFOLEN 2010/11/04									
1 PLACE		±											
0 PLACES		±		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SDA-90814 DOC TYPE PSD DOC PART 001 REVISION AE									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
THIRD ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A2-SIZE		90814		SEE CHART		GENERAL MARKET		1 OF 2	

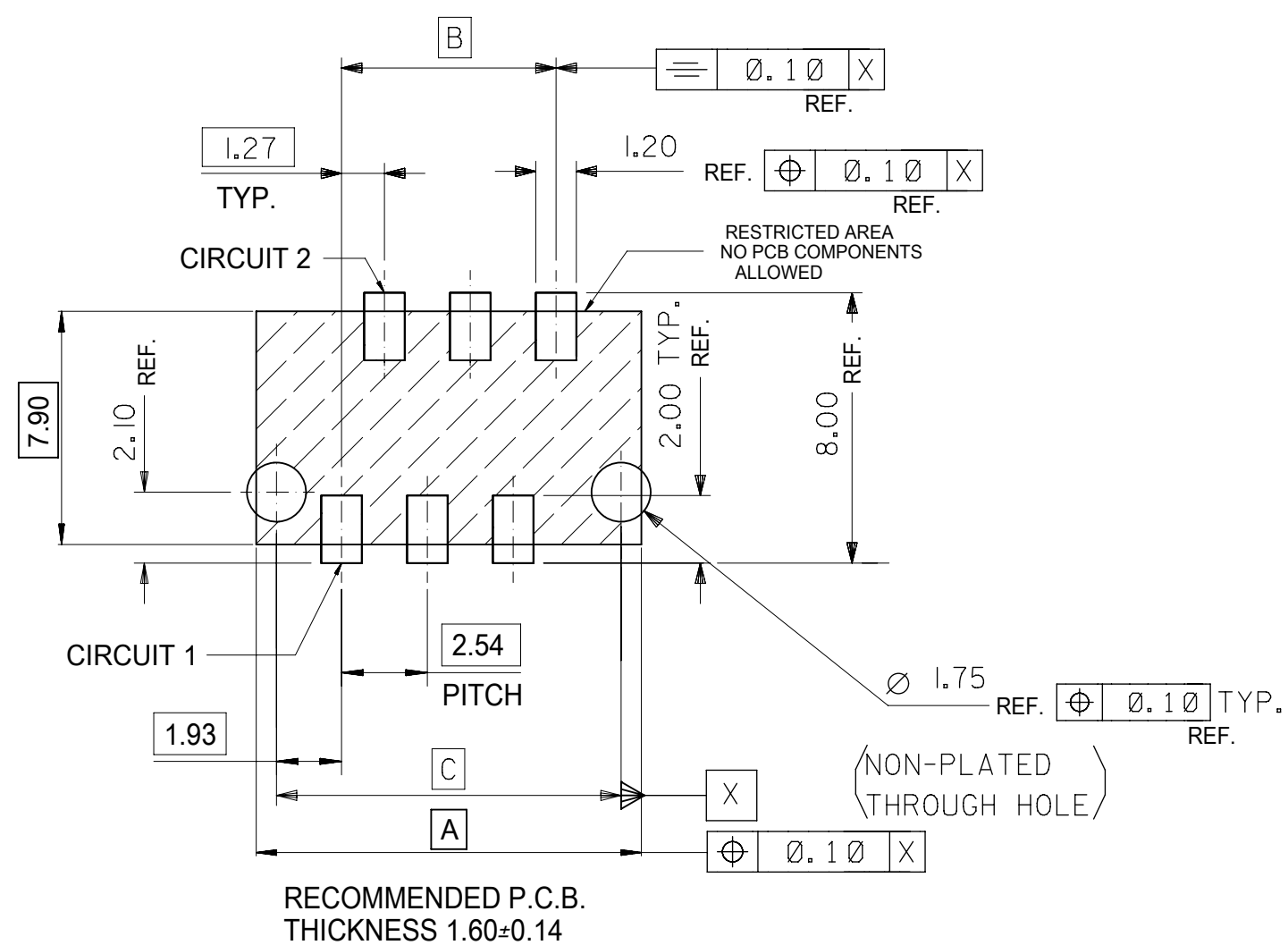
90814-***26	26	36.80	31.75	35.60	14	YES
90814-***24	24	34.26	29.21	33.06	15	YES
90814-***22	22	31.72	26.67	30.52	16	YES
90814-***20	20	29.18	24.13	27.98	18	YES
90814-***18	18	26.64	21.59	25.44	20	YES
90814-***16	16	24.10	19.05	22.90	22	YES
90814-***14	14	21.56	16.51	20.36	25	YES
90814-***12	12	19.02	13.97	17.82	28	YES
90814-***10	10	16.48	11.43	15.28	32	YES
90814-***08	8	13.94	8.89	12.74	38	YES
90814-***06	6	11.40	6.35	10.20	46	YES
90814-***04	4	8.86	3.81	7.66	60	YES
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	QUANTITY OF PARTS PER TUBE (-*0**/-*3**/-*6** & -*8** VERSIONS)	TOOLED

CIRCUIT SIZE					
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E	
0	YES	YES	NO	6.40	STANDARD
2	YES	NO	YES	6.40	PROFILE
3	NO	YES	NO	6.40	REFLOW
5	NO	NO	YES	6.40	NOTE 9
6	NO	YES	NO	4.10	LOW
7	NO	NO	YES	4.10	PROFILE
8	YES	YES	NO	4.10	REFLOW
9	YES	NO	YES	4.10	NOTE 9

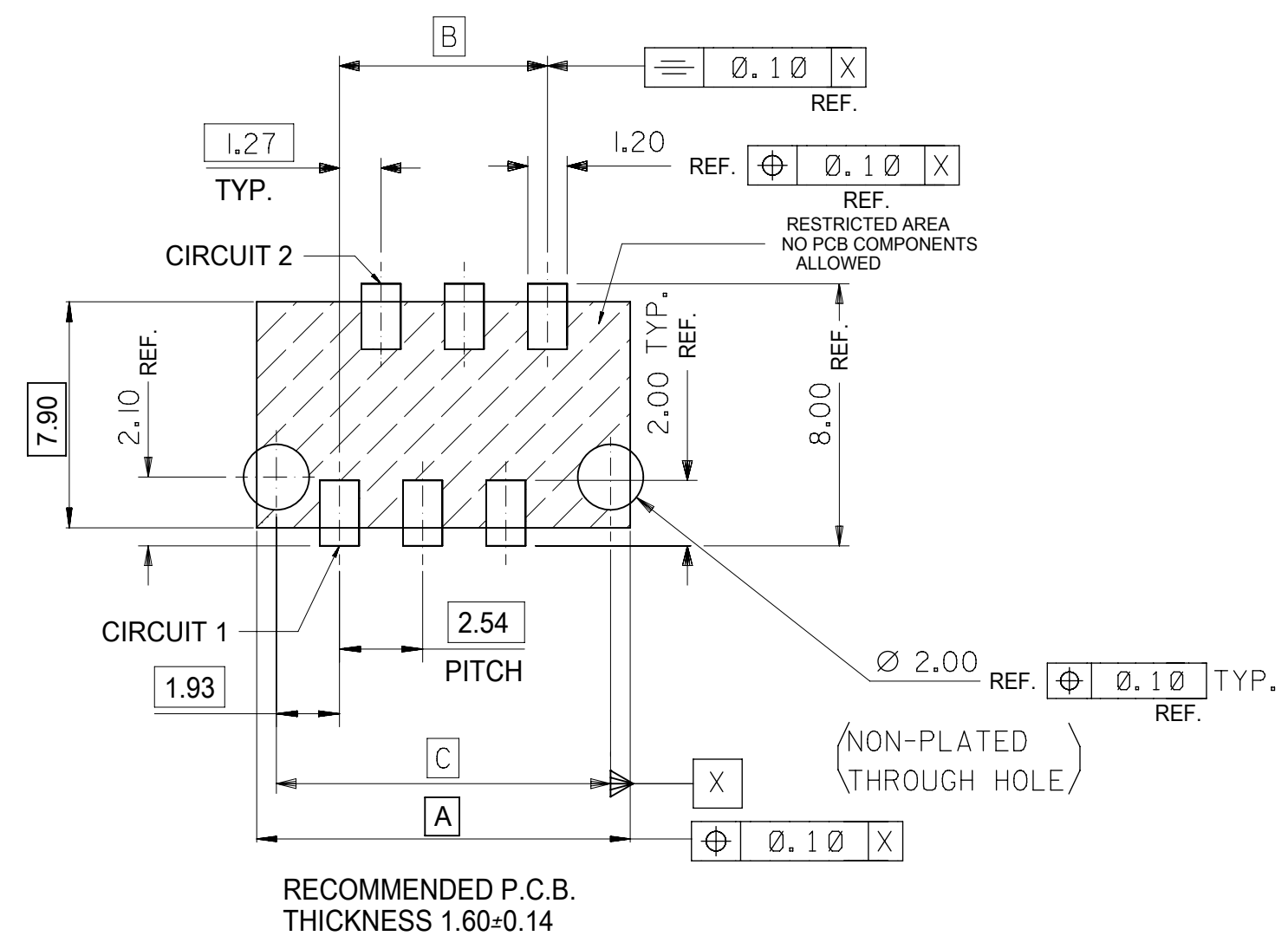
- 0= 3-5 MICROMETRE TIN VERSION

- 3= 0.76μm GOLD VERSION

FORMAT: master-b prod-A2 REVISION: H	13	12	11
---	----	----	----



PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
 HEADER VERSIONS 90814-000/-0200/-0800/-0900,
 VIEWED FROM COMPONENT SIDE



90814-***26	26	36.80	31.75	35.60
90814-***24	24	34.26	29.21	33.06
90814-***22	22	31.72	26.67	30.52
90814-***20	20	29.18	24.13	27.98
90814-***18	18	26.64	21.59	25.44
90814-***16	16	24.10	19.05	22.90
90814-***14	14	21.56	16.51	20.36
90814-***12	12	19.02	13.97	17.82
90814-***10	10	16.48	11.43	15.28
90814-***08	8	13.94	8.89	12.74
90814-***06	6	11.40	6.35	10.20
90814-***04	4	8.86	3.81	7.66
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C

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: TYPO ERROR CORRECTED				molex							
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 647680 DRWN: SMAHAJANSHET 2020/10/23 CHK'D: NCSR 2020/10/23 APPR: NCSR 2020/10/23				PICOFLEX SMT HEADER							
ANGULAR TOL ± 0.5 °															
4 PLACES		±						PRODUCT CUSTOMER DRAWING							
3 PLACES		±													
2 PLACES		± 0.1													
1 PLACE		±		INITIAL REVISION: DRWN: DMCNAMAR 2001/08/16 APPR: EFOLEN 2010/11/04				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES		±						SDA-90814		PSD	001	AE			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION 		DRAWING A2-SIZE		SERIES 90814		MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 2 OF 2	