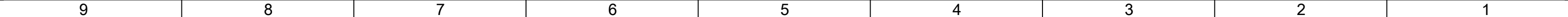
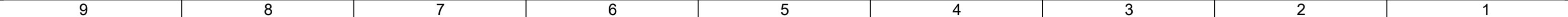
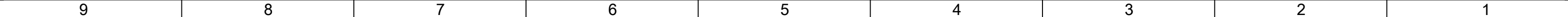
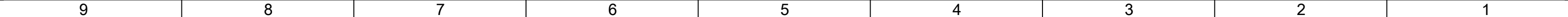


9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---

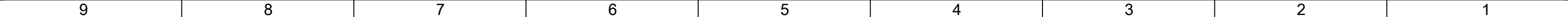
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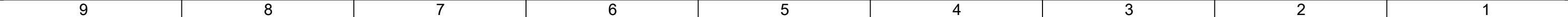
9	8	7	6	5	4	3	2	1
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9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---

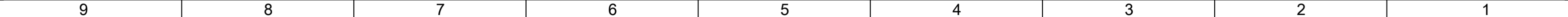


9	8	7	6	5	4	3	2	1
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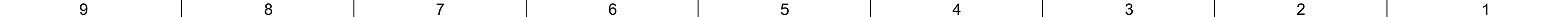


9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---

9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---

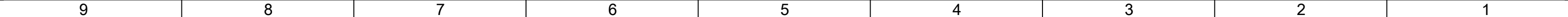


9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---



9	8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---	---

- | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|---|

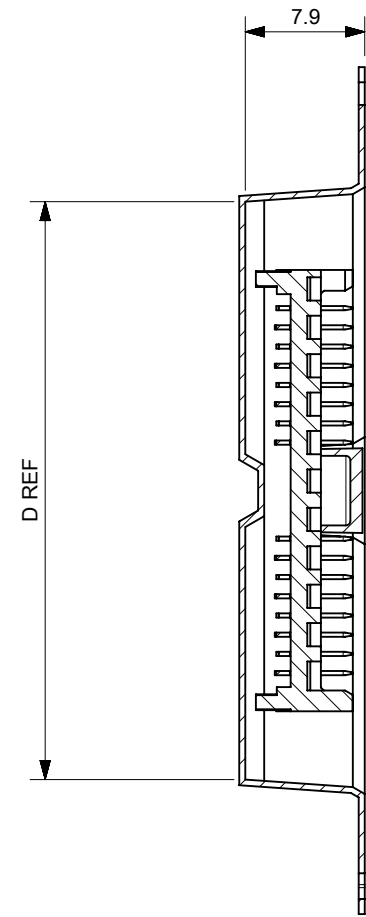


9	8	7	6	5	4	3	2	1
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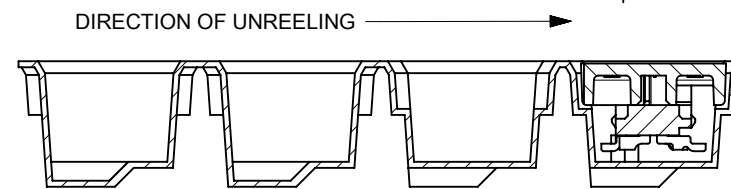
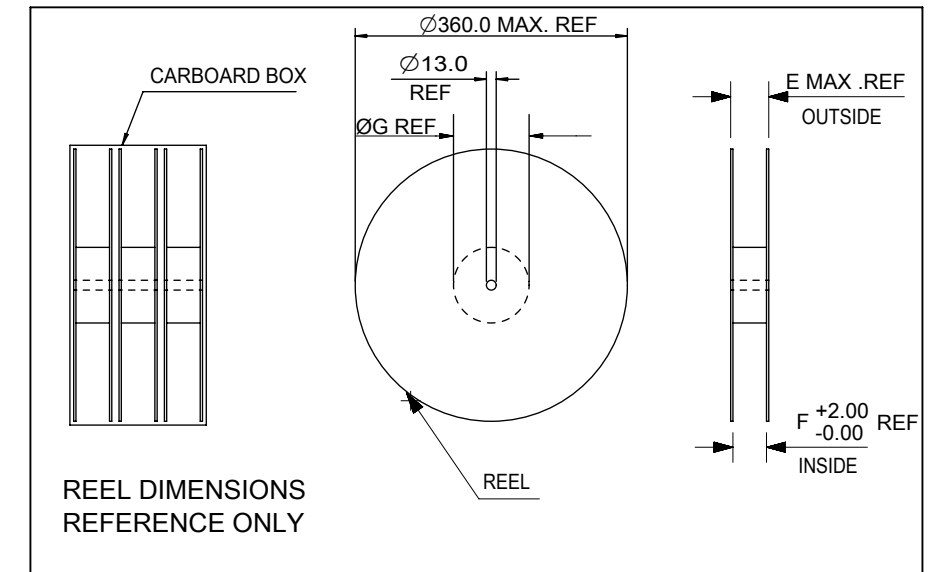
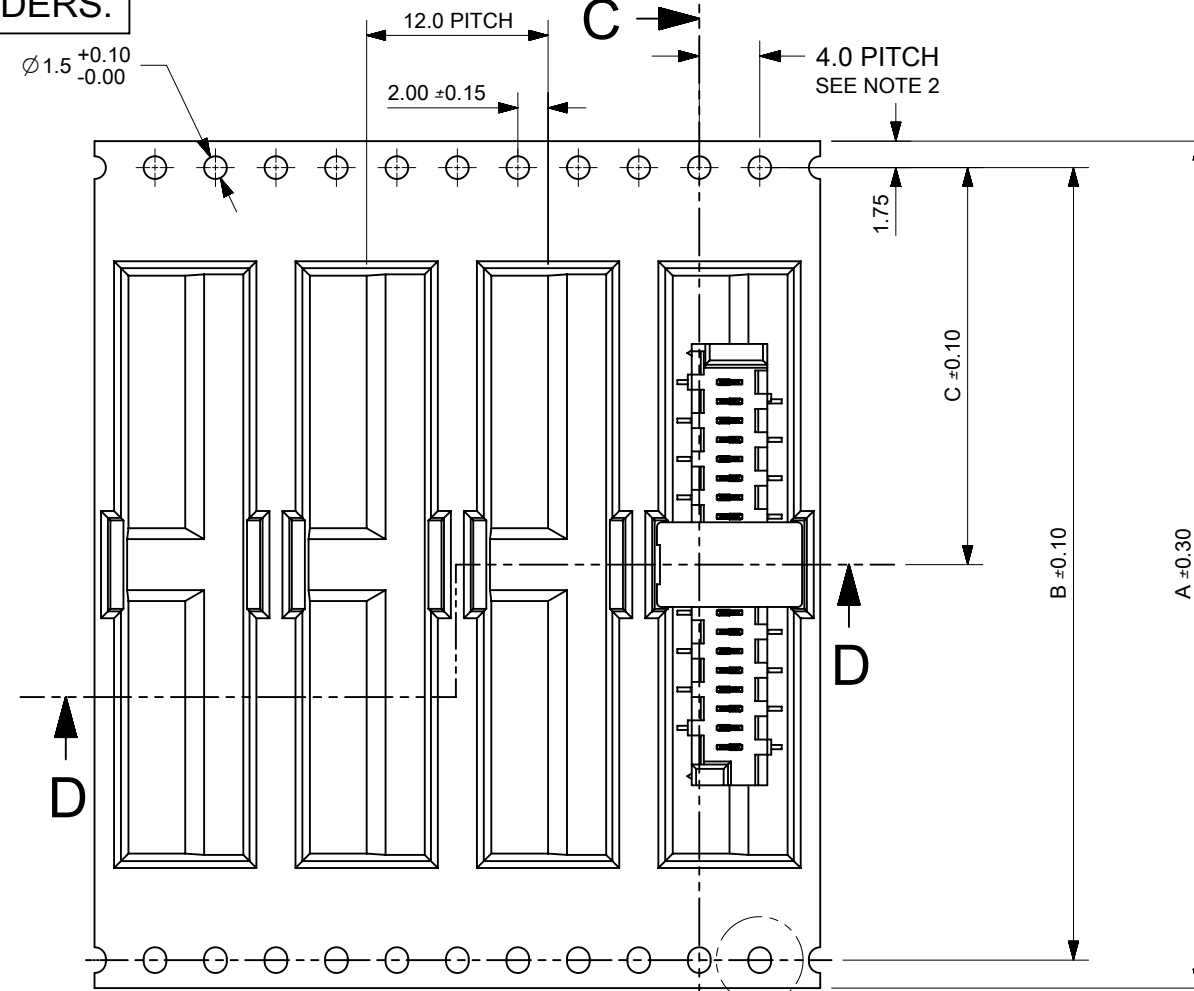
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CARRIER TAPE FOR LOW-PROFILE SMT HEADERS.

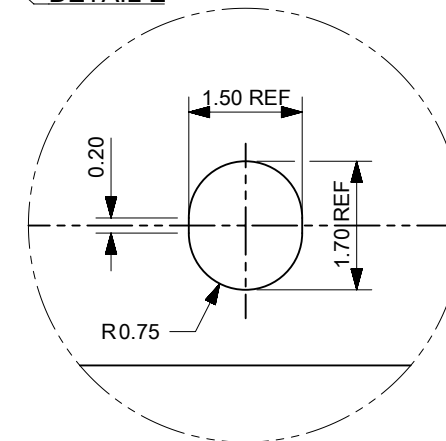
PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIECES PER BOX	REELS PER BOX	PIECES PER REEL
90814-*726/*926	26	56.0	52.4	26.2	38.0	62.4	56.4	150.0	1200	2	600
90814-*724/*924	24										
90814-*722/*922	22										



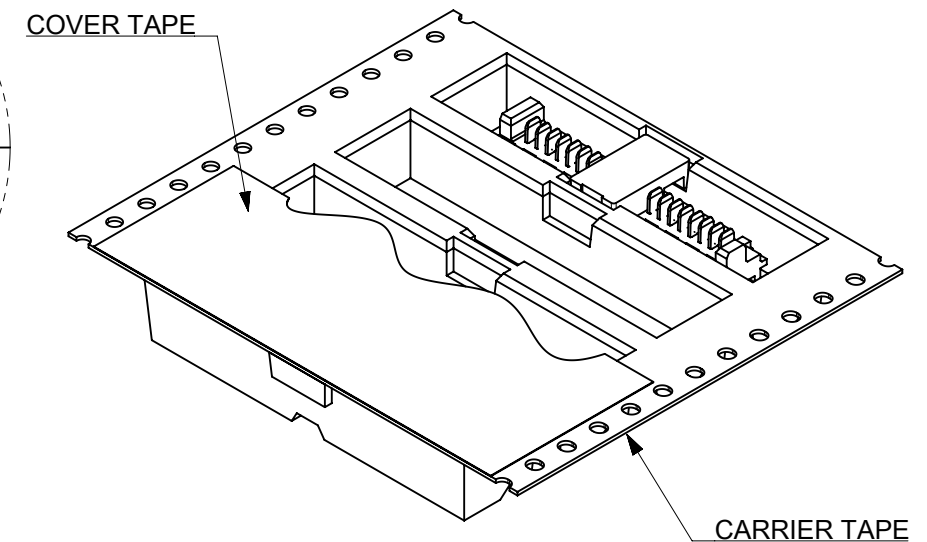
SECTION C-C



SECTION D-D

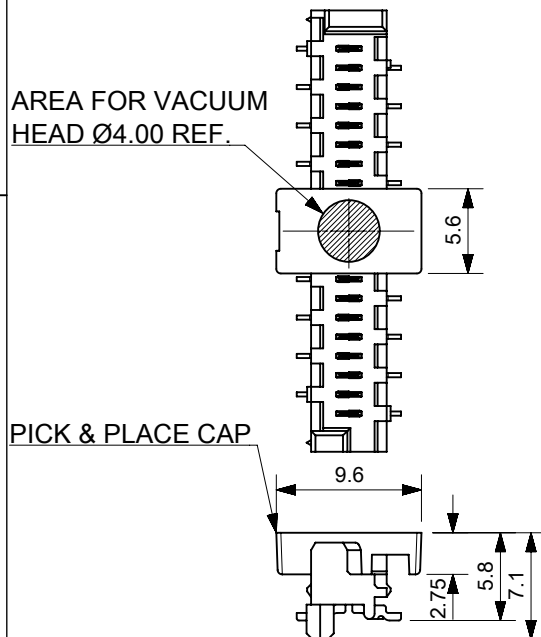


DETAIL E
SCALE 10:1



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

SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL



PICK & PLACE CAP

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.

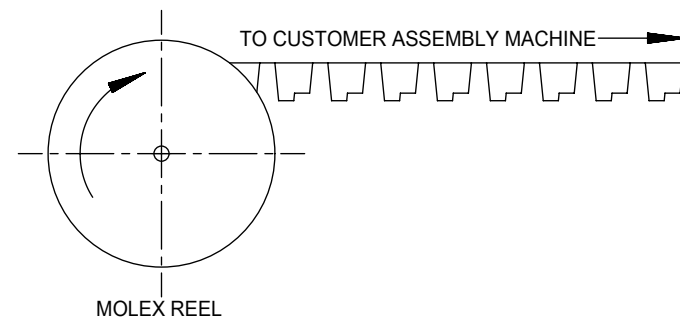
2. PITCH TOLERANCE OVER ANY 10 PITCHES ± 0.2 mm.

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, $\pm 10\%$.

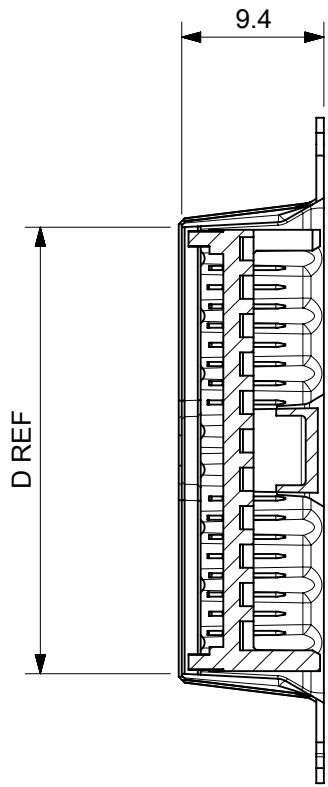
6. REFERENCE TO IEC 60286-3.



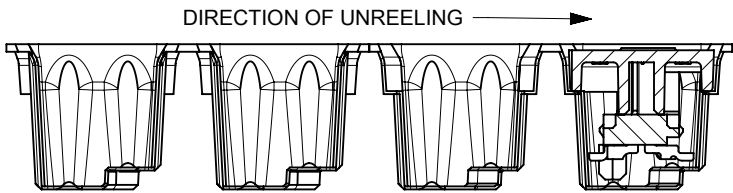
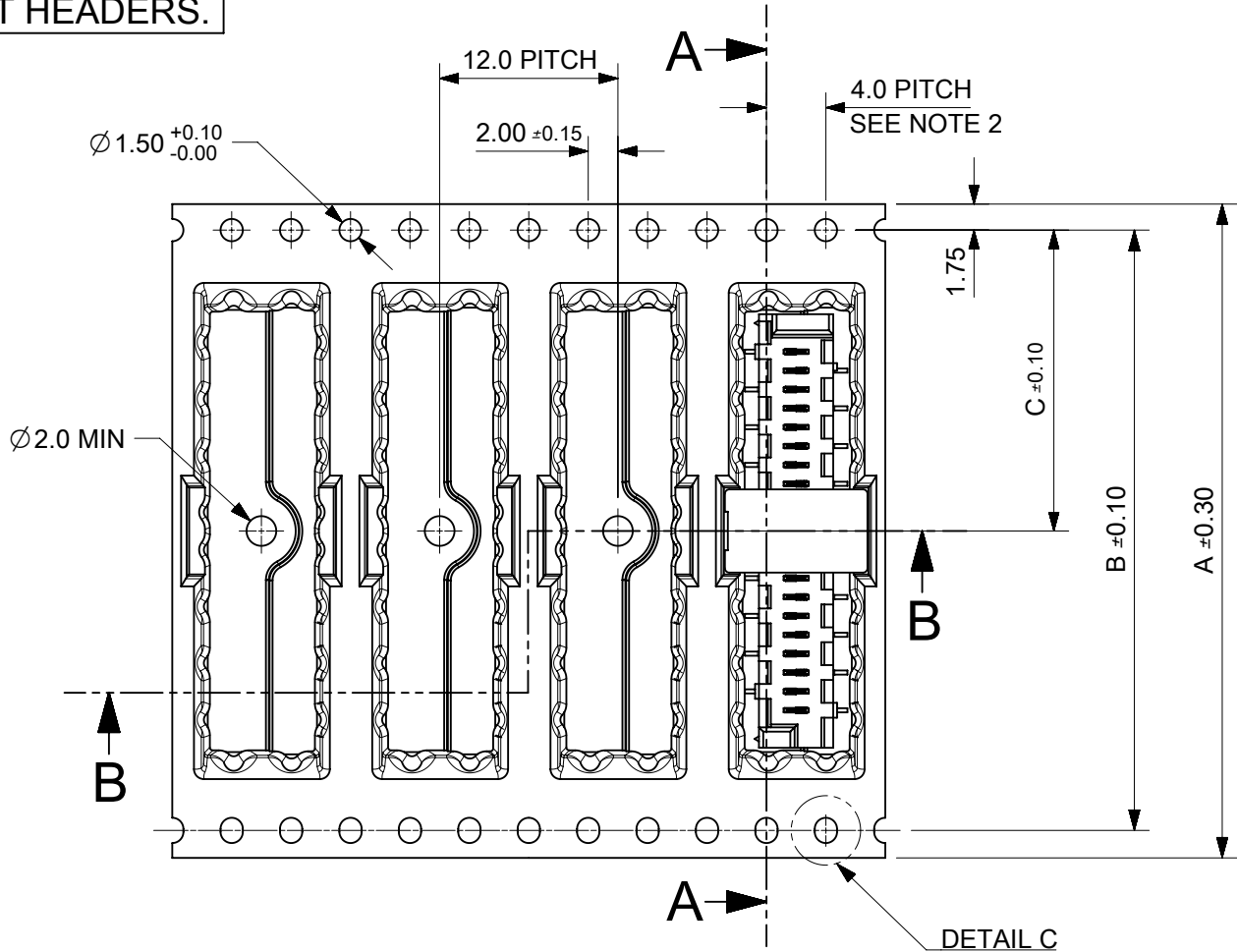
MOLEX REEL

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)				PICOFLEX SMT HEADER BLISTER TAPE											
ANGULAR TOL ± 2.0°															
4 PLACES		±													
3 PLACES		±													
2 PLACES		± 0.1		PRODUCT CUSTOMER DRAWING											
1 PLACE		± 0.2													
0 PLACES		±		DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
				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		2 OF 2	

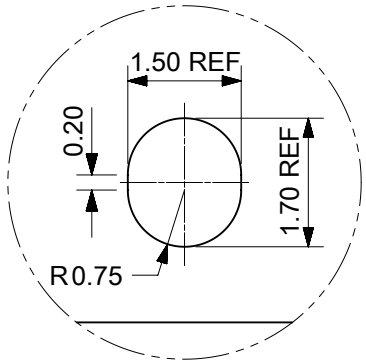
CARRIER TAPE FOR STANDARD SMT HEADERS.



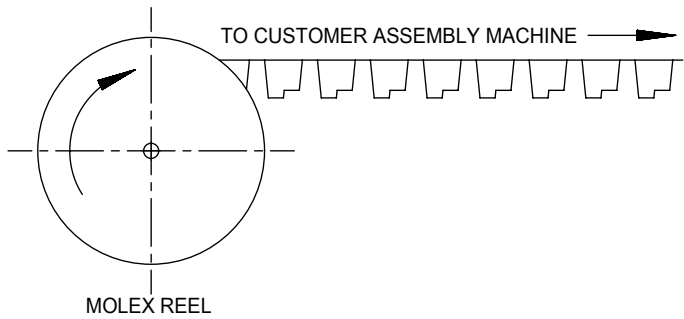
SECTION A-A



SECTION B-B

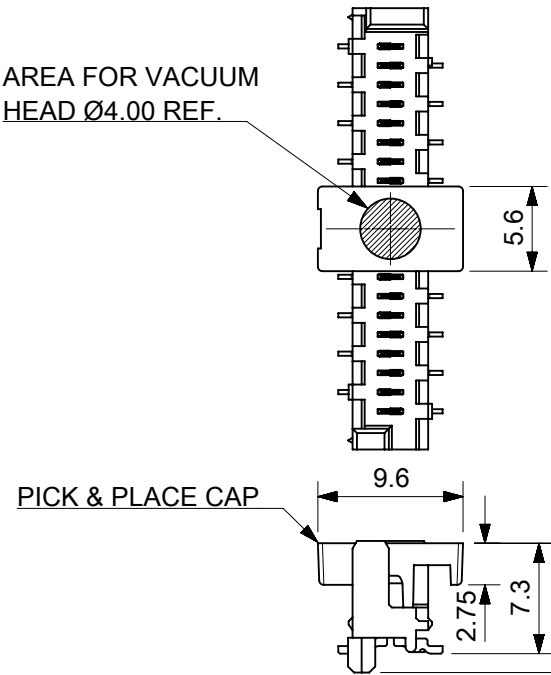


DETAIL C
SCALE 10:1



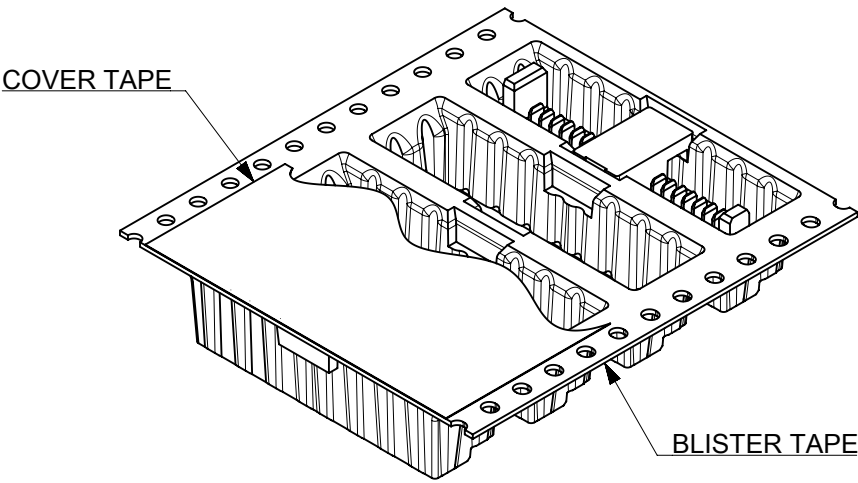
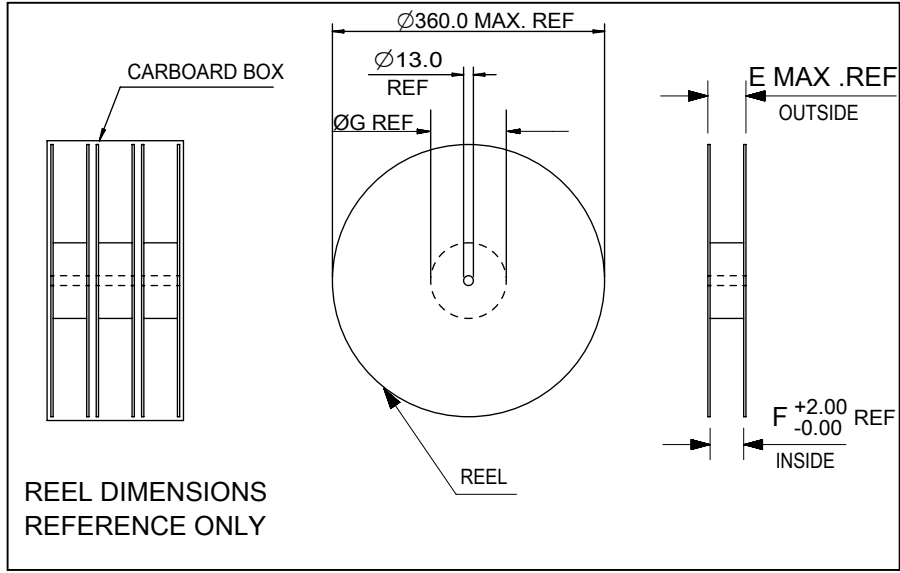
STANDARD SMT PICOFLEX
COMPONENT & CAP DETAIL
PART NUMBERS 90814-*2**/*5**

SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL



- NOTES:
- 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.
 - PITCH TOLERANCE OVER ANY 10 PITCHES ±0.2 mm.
 - ALL CAVITY WALLS HAVE DRAFT ANGLE UNLESS STATED OTHERWISE.
 - ALL INTERNAL RADII R0.3 MAX.
 - PEEL FORCE OF THE COVER TAPE IS 0.1 N TO 1.3 N AT MAXIMUM PEEL SPEED OF 300 mm/MIN, ±10%.
 - REFERENCE TO IEC 60286-3.

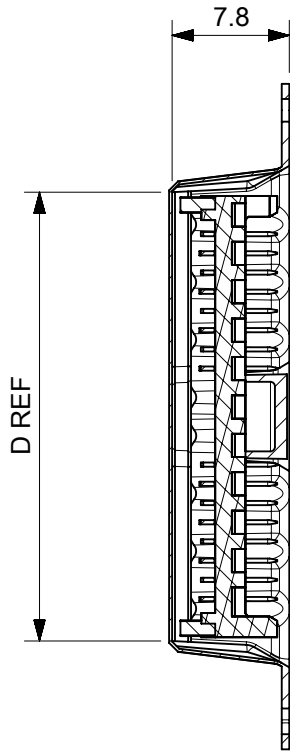
PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIECES PER BOX	REELS PER BOX	PIECES PER REEL
90814-*220/*520	20	44.0	40.4	20.2	29.5	50.4	44.4	100.0	1800	3	600
90814-*218/*518	18										
90814-*216/*516	16										
90814-*214/*514	14										
90814-*212/*512	12										
90814-*210/*510	10										
90814-*208/*508	8										
90814-*206/*506	6										
90814-*204/*504	4										



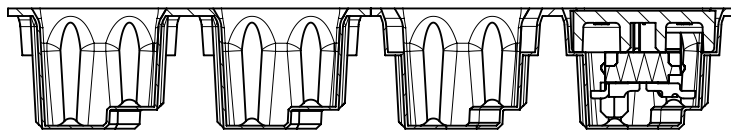
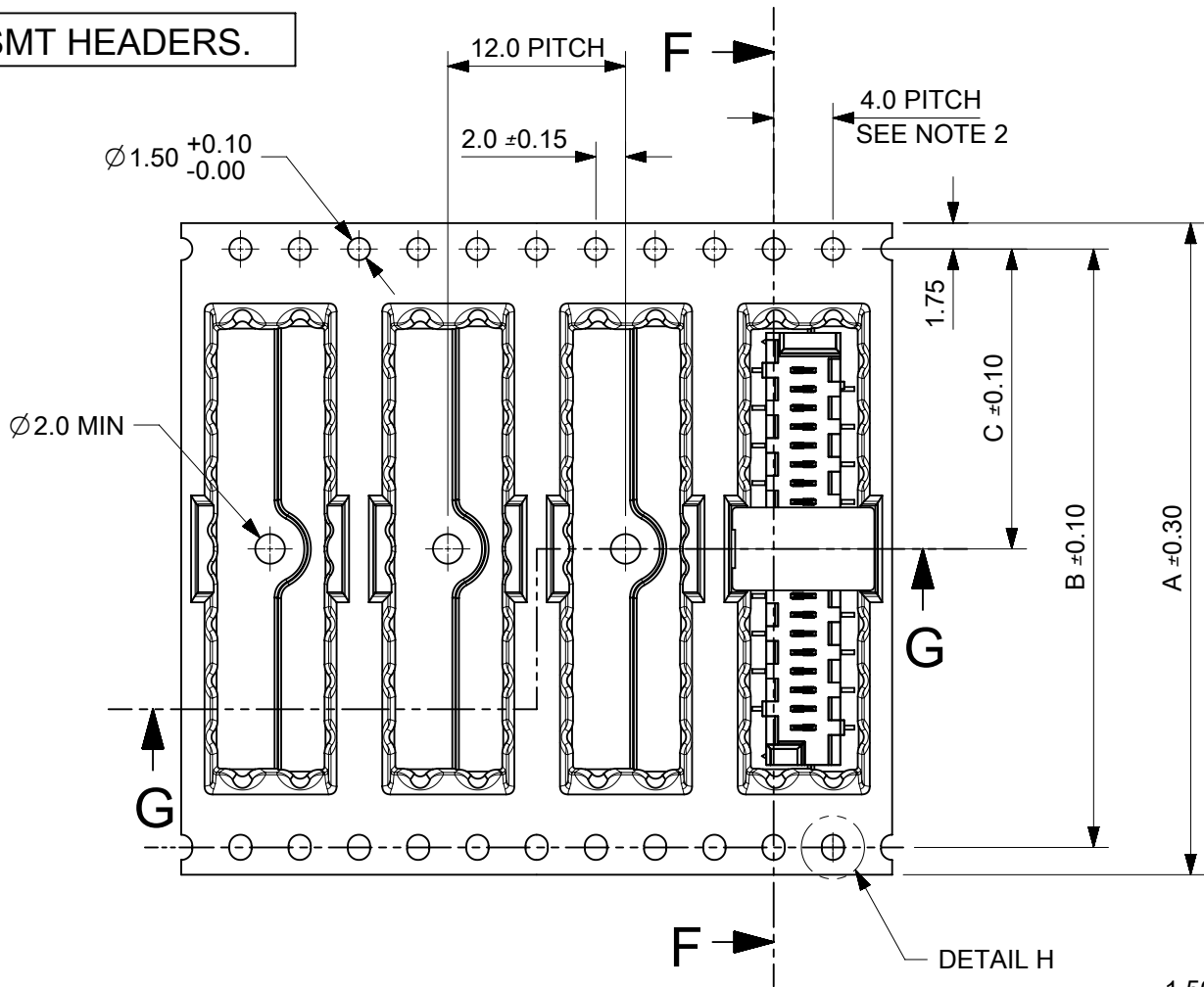
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISED				molex									
mm		1.5:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL ± 2.0 °																	
4 PLACES		±															
3 PLACES		±															
2 PLACES		± 0.1															
1 PLACE		± 0.2															
0 PLACES		±		EC NO: 169568				PICOFLEX SMT HEADER BLISTER TAPE									
DRWN: BPMURPHY 2017/12/05																	
CHK'D: DSHEA 2018/04/13																	
APPR: DBYRNES 2018/04/18				INITIAL REVISION:				PRODUCT CUSTOMER DRAWING									
DRWN: BPMURPHY 2017/09/25																	
APPR: DBYRNES 2017/11/17																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		90814		908149002		PSD		000		B	
						A3-SIZE		90814		908149002		PSD		000		B	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		90814		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
										SEE TABLE		GENERAL MARKET		1 OF 2			

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/18	13:52:11
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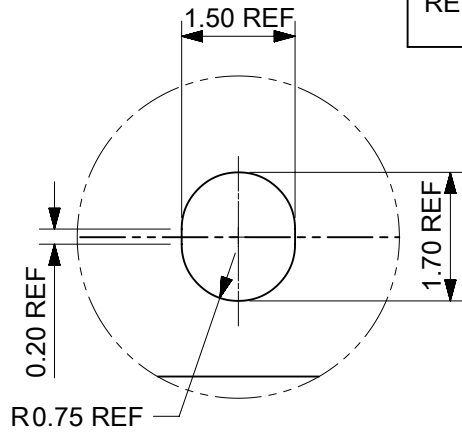
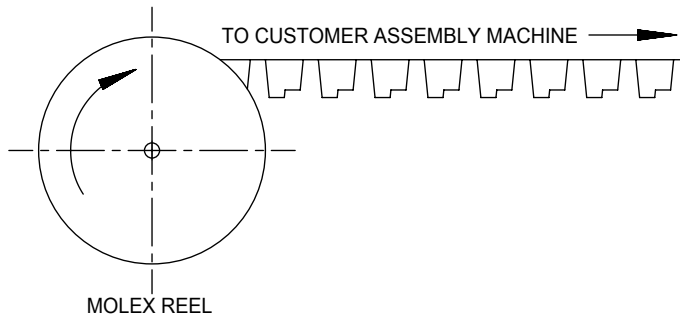
CARRIER TAPE FOR LOW PROFILE SMT HEADERS.



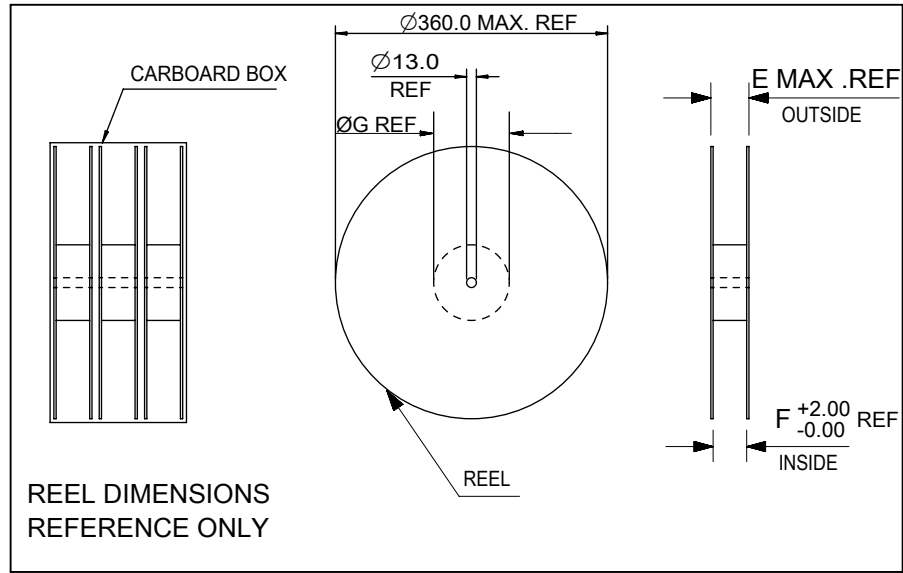
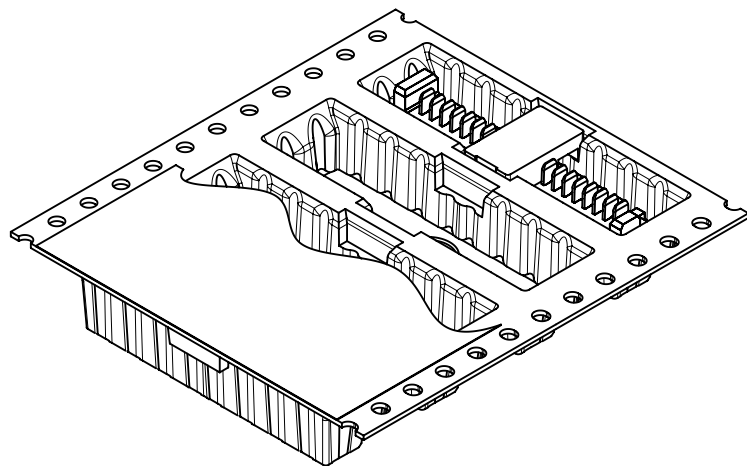
SECTION F-F



SECTION G-G



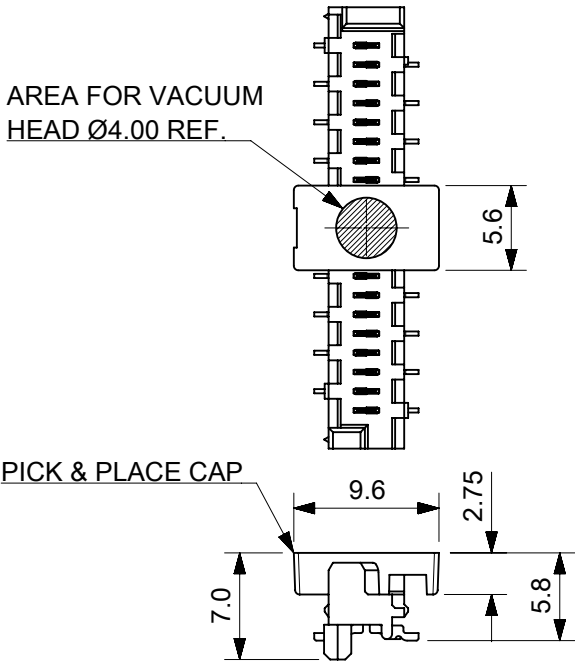
DETAIL H
SCALE 10:1



REEL DIMENSIONS
REFERENCE ONLY

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

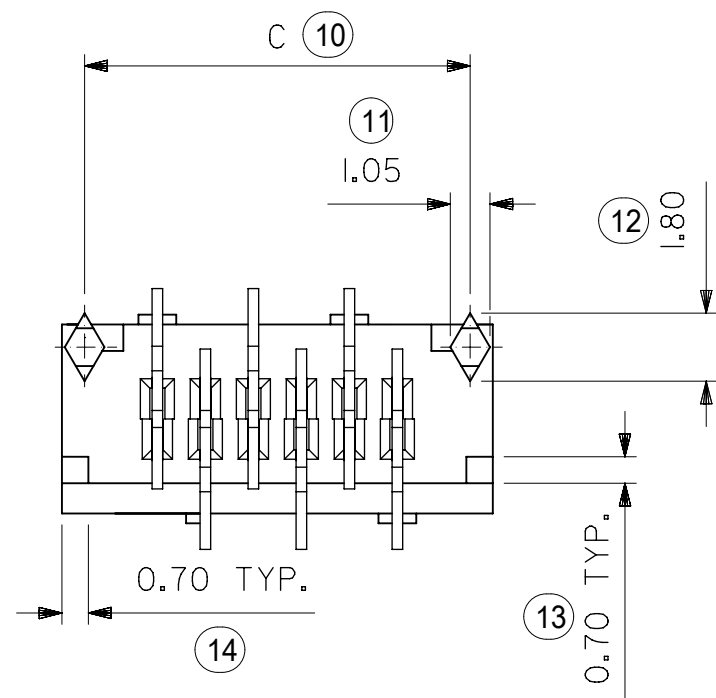
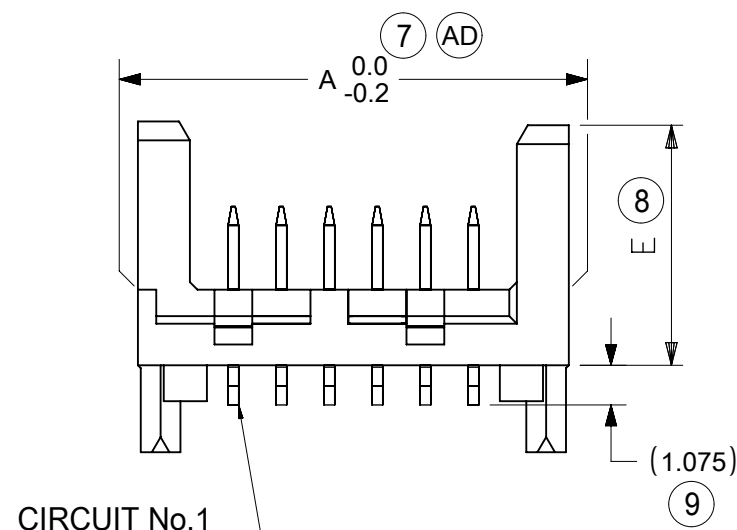
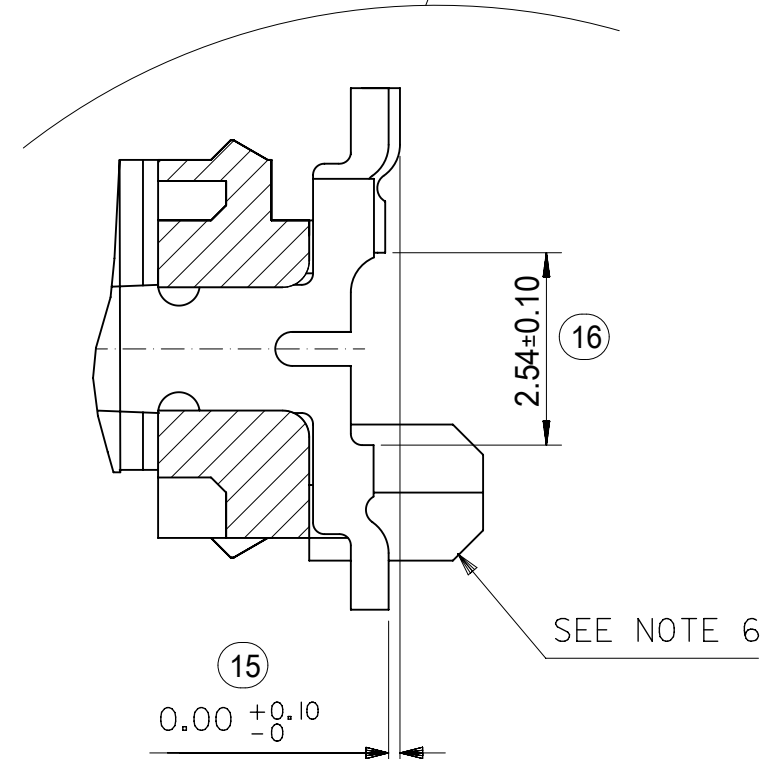
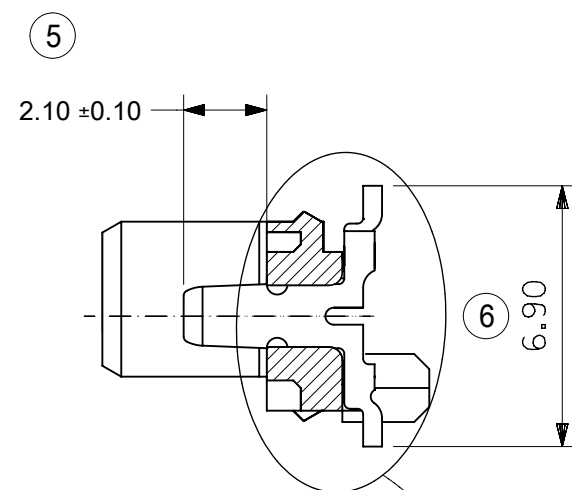
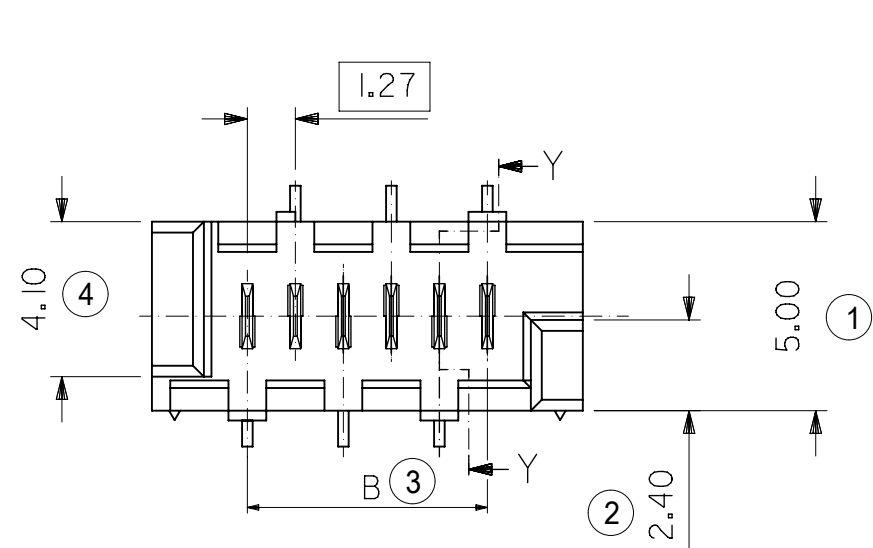
SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL



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 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 DRWN: BPMURPHY 2017/12/05 CHK'D: DSHEA 2018/04/13 APPR: DBYRNES 2018/04/18				PICOFLEX SMT HEADER BLISTER TAPE									
ANGULAR TOL ± 2.0°															
4 PLACES	±														
3 PLACES	±														
2 PLACES	± 0.1														
1 PLACE	± 0.2	INITIAL REVISION: DRWN: BPMURPHY 2017/09/25 APPR: DBYRNES 2017/11/17				PRODUCT CUSTOMER DRAWING									
0 PLACES	±														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		90814		908149002		PSD		000		B	
				MATERIAL NUMBER		CUSTOMER				SHEET NUMBER					
				SEE TABLE		GENERAL MARKET				2 OF 2					



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

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

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

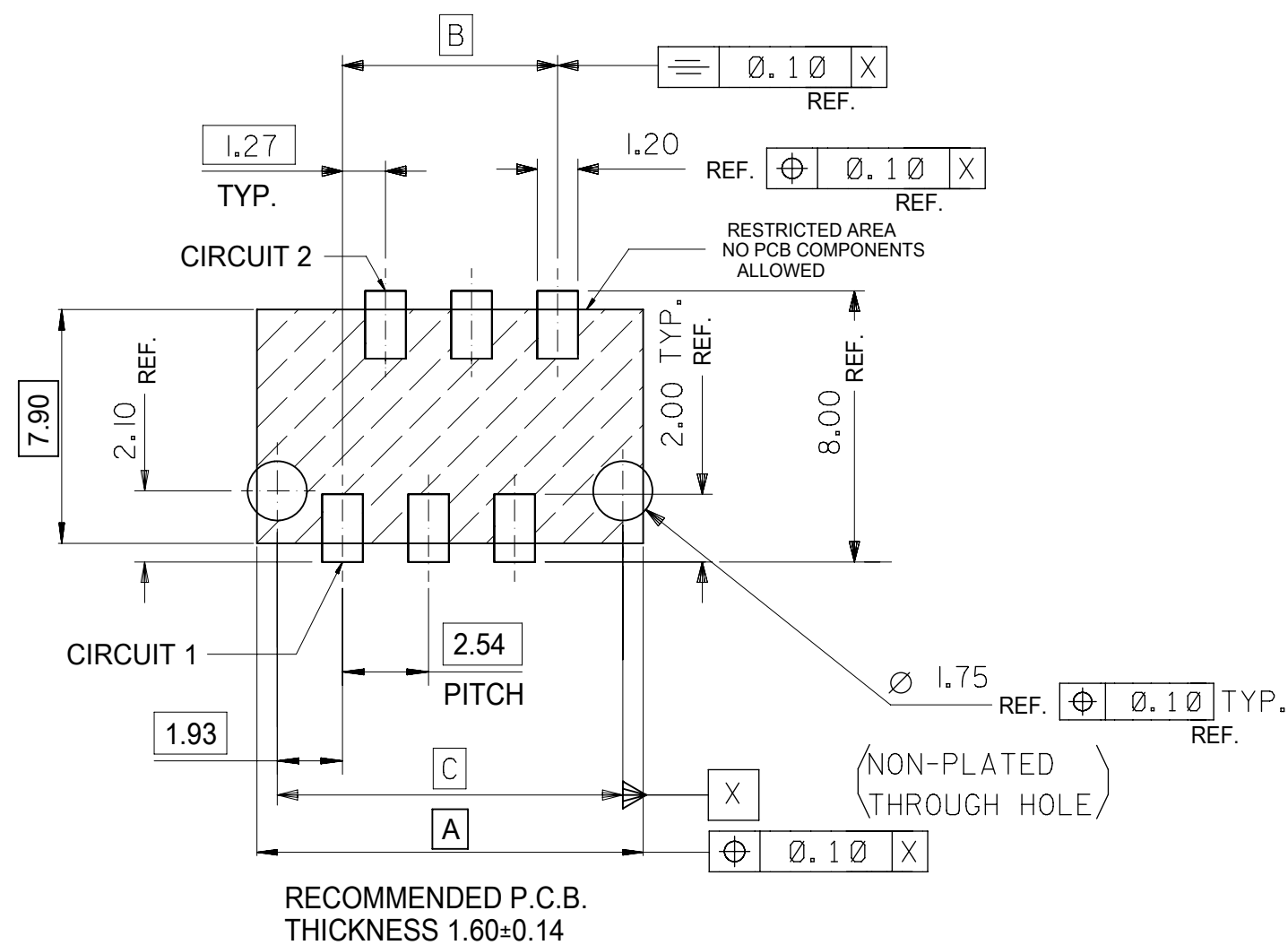
- 0= 3-5 MICROMETRE TIN VERSION

— 3= 0.76μm GOLD PLATING

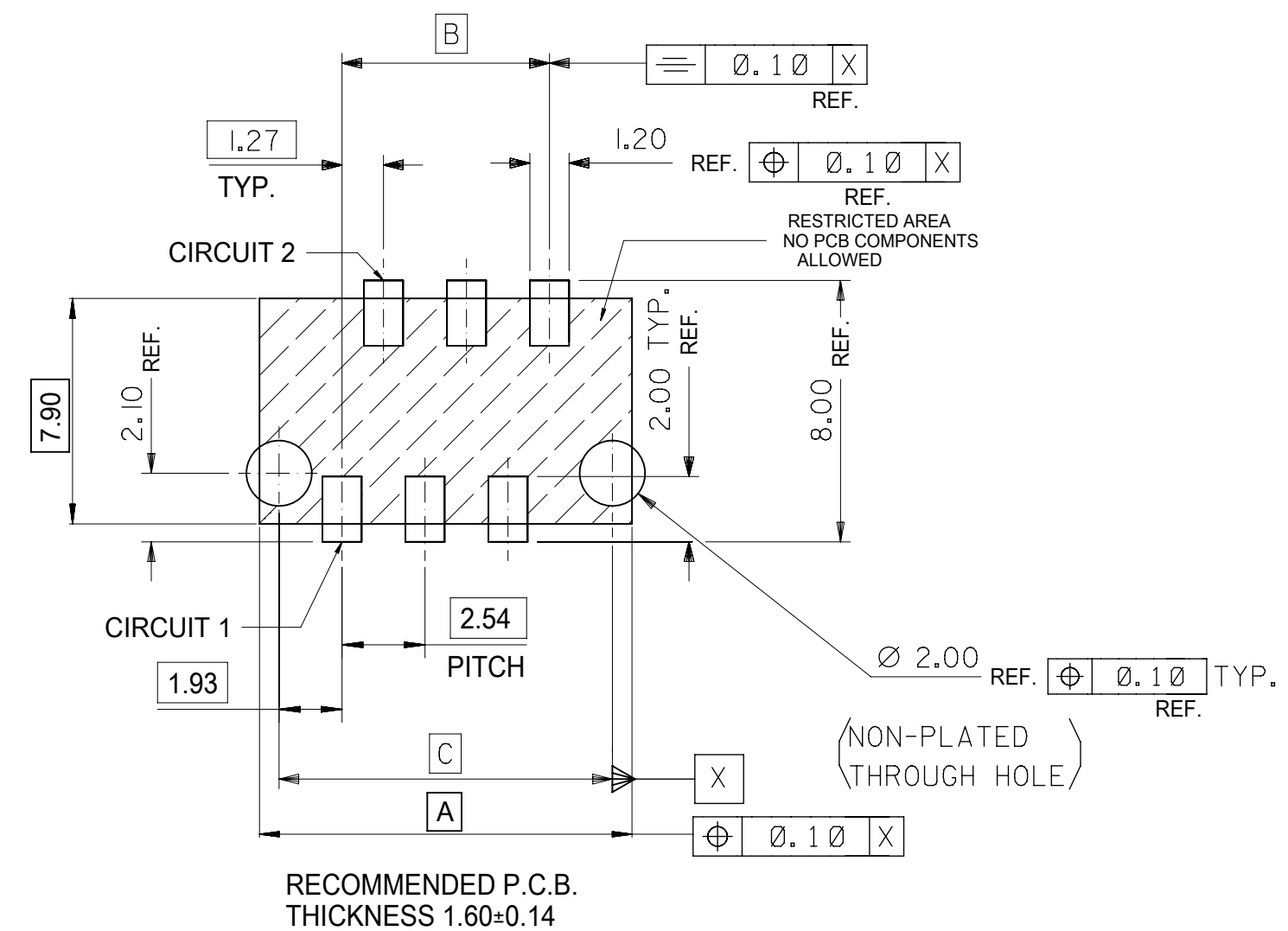
90814-***26	26	36.80	31.75	35.60	14	YES
90814-***24	24	34.26	29.21	33.06	15	YES
90814-***22	22	31.72	26.67	30.52	16	YES
90814-***20	20	29.18	24.13	27.98	18	YES
90814-***18	18	26.64	21.59	25.44	20	YES
90814-***16	16	24.10	19.05	22.90	22	YES
90814-***14	14	21.56	16.51	20.36	25	YES
90814-***12	12	19.02	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

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:			molex								
mm		5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)							PICOFLEX SMT HEADER								
ANGULAR TOL ± 0.5 °															
4 PLACES ±															
3 PLACES ±				EC NO: 738955 DRWN: GOWTHP 2023/02/02 CHK'D: GOWTHP 2023/02/16 APPR: ISHWARG 2023/02/20			PRODUCT CUSTOMER DRAWING								
2 PLACES ± 0.1															
1 PLACE ±															
0 PLACES ±				INITIAL REVISION: DRWN: DMCNAMAR 2001/08/16 APPR: EFOLEN 2010/11/04			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 					DRAWING A2-SIZE		SERIES 90814		SDA-90814		PSD	001	AE1
											MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET		SHEET NUMBER 1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2023/02/20	05:04:28
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PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
 HEADER VERSIONS 90814-0xx/-x2xx/-x8xx/-x9xx,
 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:				molex					
mm		5:1											
GENERAL TOLERANCES (UNLESS SPECIFIED)								PICOFLEX SMT HEADER					
ANGULAR TOL ± 0.5 °													
4 PLACES		±											
3 PLACES		±						PRODUCT CUSTOMER DRAWING					
2 PLACES		± 0.1											
1 PLACE		±											
0 PLACES		±		DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SDA-90814		PSD		001	AE1				
				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
								A2-SIZE		90814		SEE CHART	