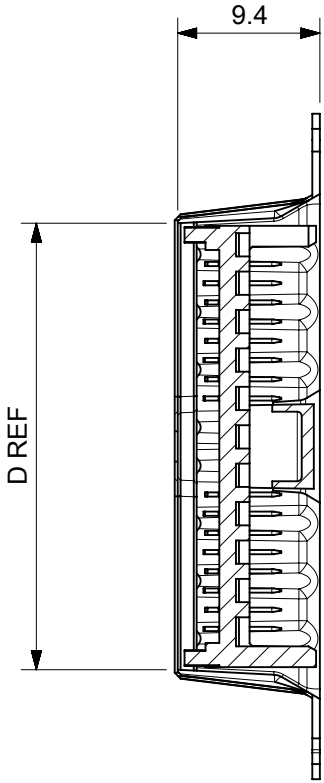
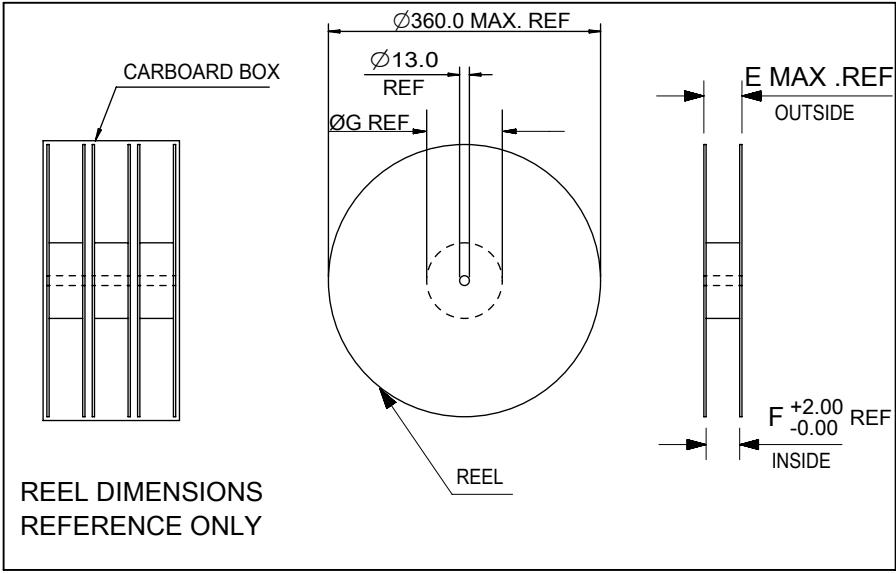
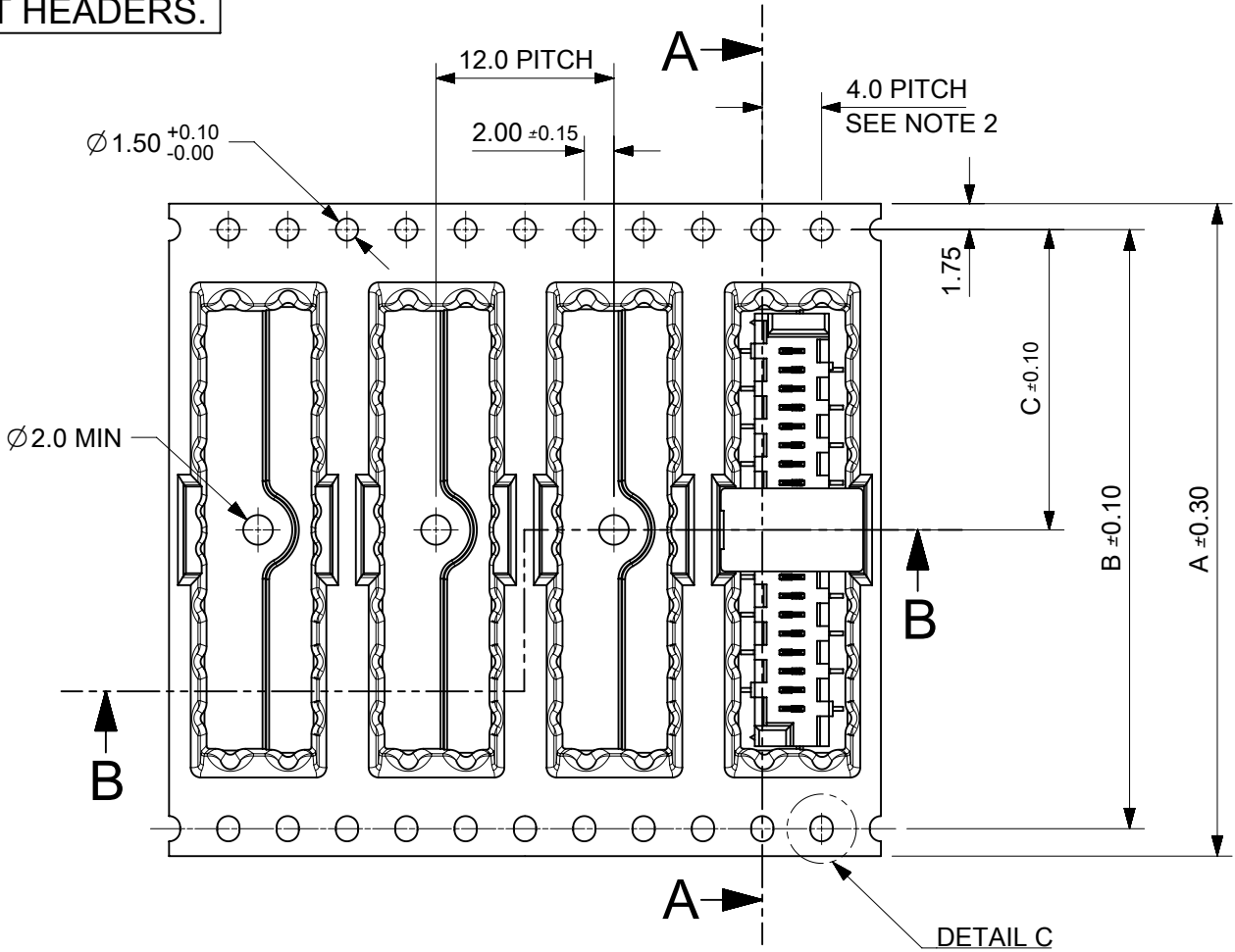


CARRIER TAPE FOR STANDARD SMT HEADERS.

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-*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										



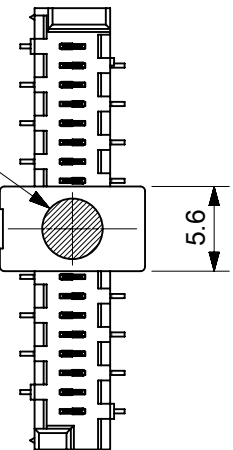
SECTION A-A



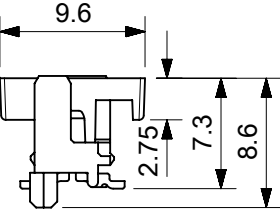
STANDARD SMT PICOFLEX
COMPONENT & CAP DETAIL
PART NUMBERS 90814-*2**/*5**

SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL

AREA FOR VACUUM
HEAD Ø4.00 REF.

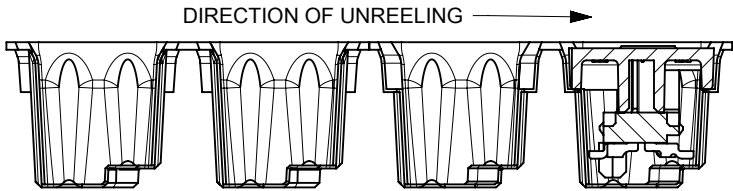


PICK & PLACE CAP

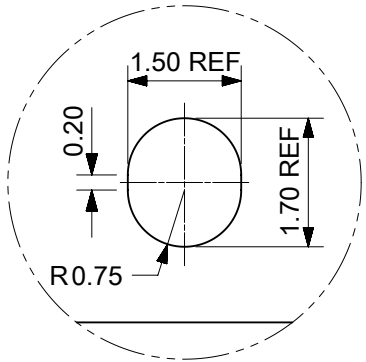
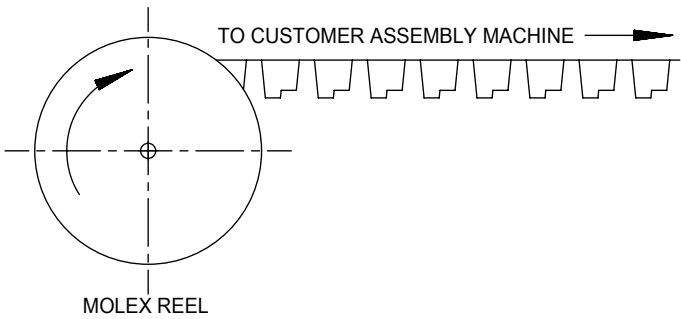


NOTES:

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.

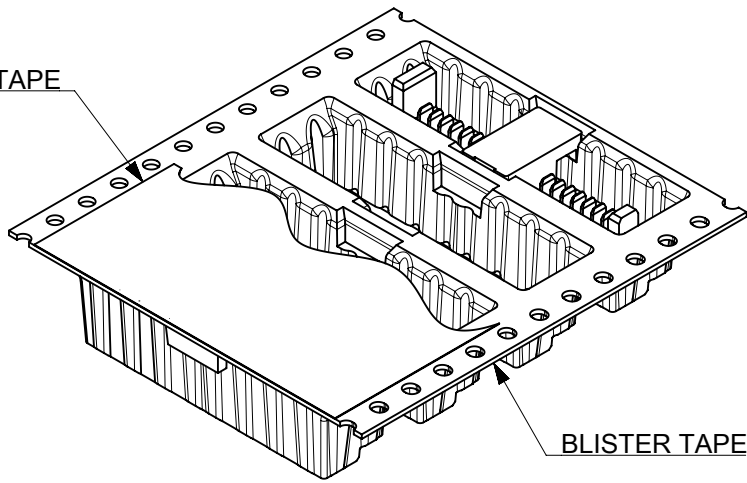


SECTION B-B

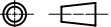


DETAIL C
SCALE 10:1

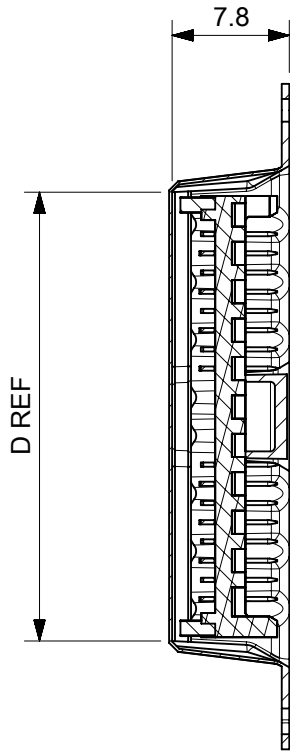
COVER TAPE



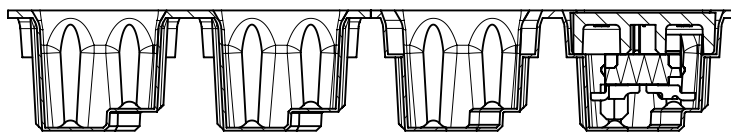
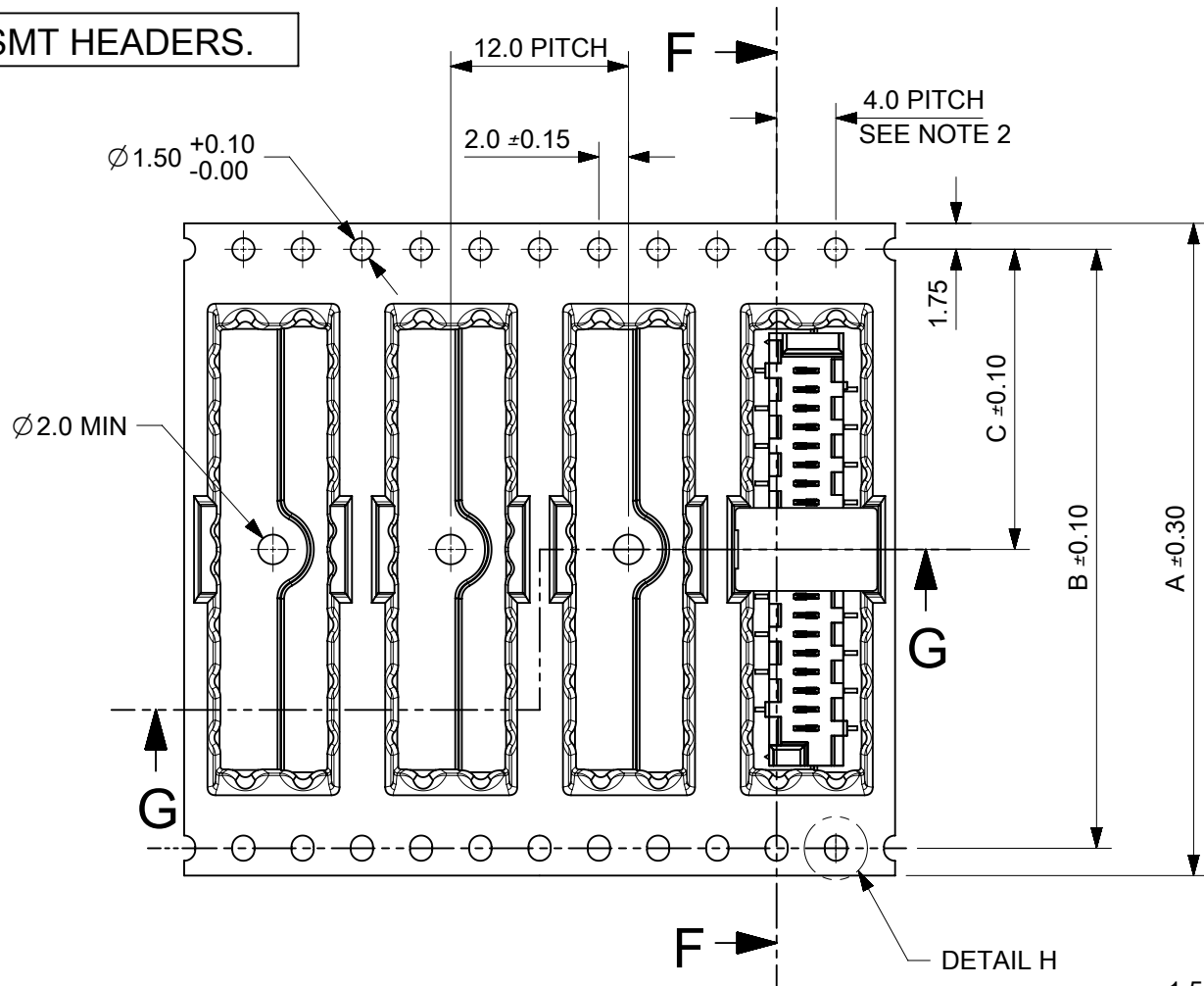
BLISTER TAPE

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 PICOFLEX SMT HEADER BLISTER TAPE							
mm		1.5:1													
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 169568											
ANGULAR TOL ± 2.0 °				DRWN: BPMURPHY 2017/12/05				PRODUCT CUSTOMER DRAWING							
4 PLACES		±		CHK'D: DSHEA 2018/04/13											
3 PLACES		±		APPR: DBYRNES 2018/04/18											
2 PLACES		± 0.1		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
1 PLACE		± 0.2		DRWN: BPMURPHY 2017/09/25				908149002		PSD	000	B			
0 PLACES		±		APPR: DBYRNES 2017/11/17											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		90814		SEE TABLE		GENERAL MARKET		1 OF 2	

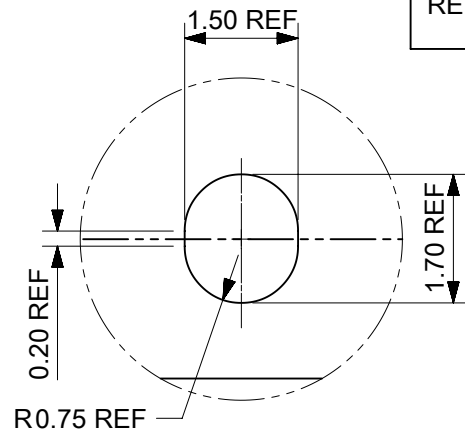
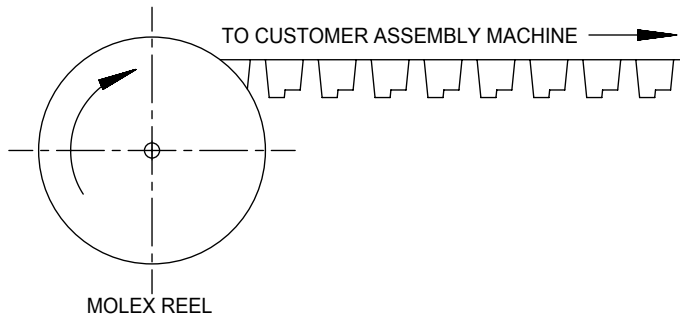
CARRIER TAPE FOR LOW PROFILE SMT HEADERS.



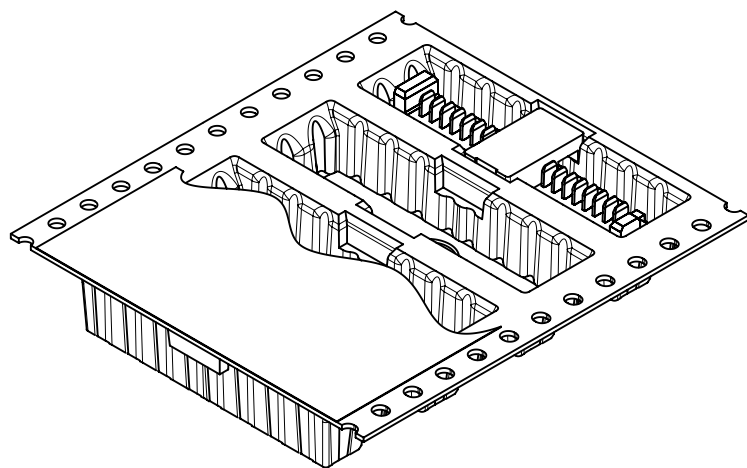
SECTION F-F



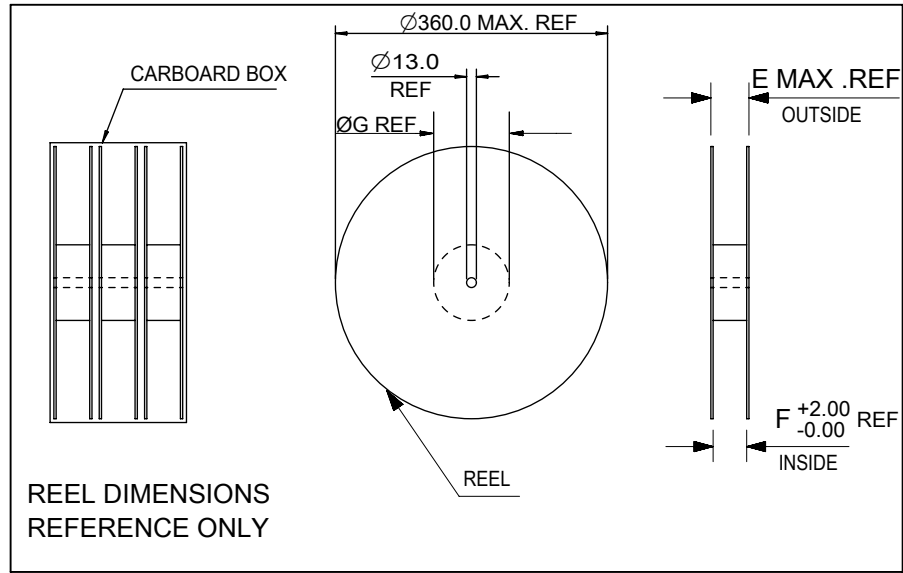
SECTION G-G



DETAIL H
SCALE 10:1

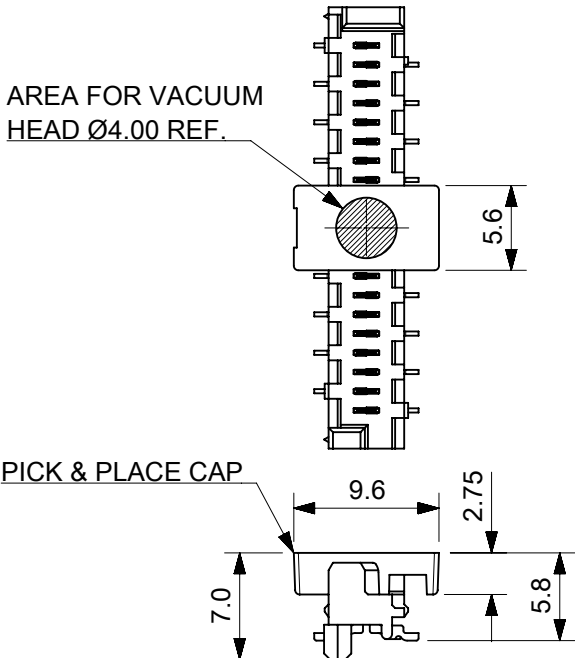


PART NUMBER	NO. OF CKTS	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	PIECES PER BOX	REELS PER BOX	PIECES PER REEL
90814-*720/*920	20	44.0	40.4	20.2	29.5	50.4	44.4	100.0	1800	3	600
90814-*718/*918	18										
90814-*716/*916	16										
90814-*714/*914	14										
90814-*712/*912	12										
90814-*710/*910	10										
90814-*708/*908	8										
90814-*706/*906	6										
90814-*704/*904	4										



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

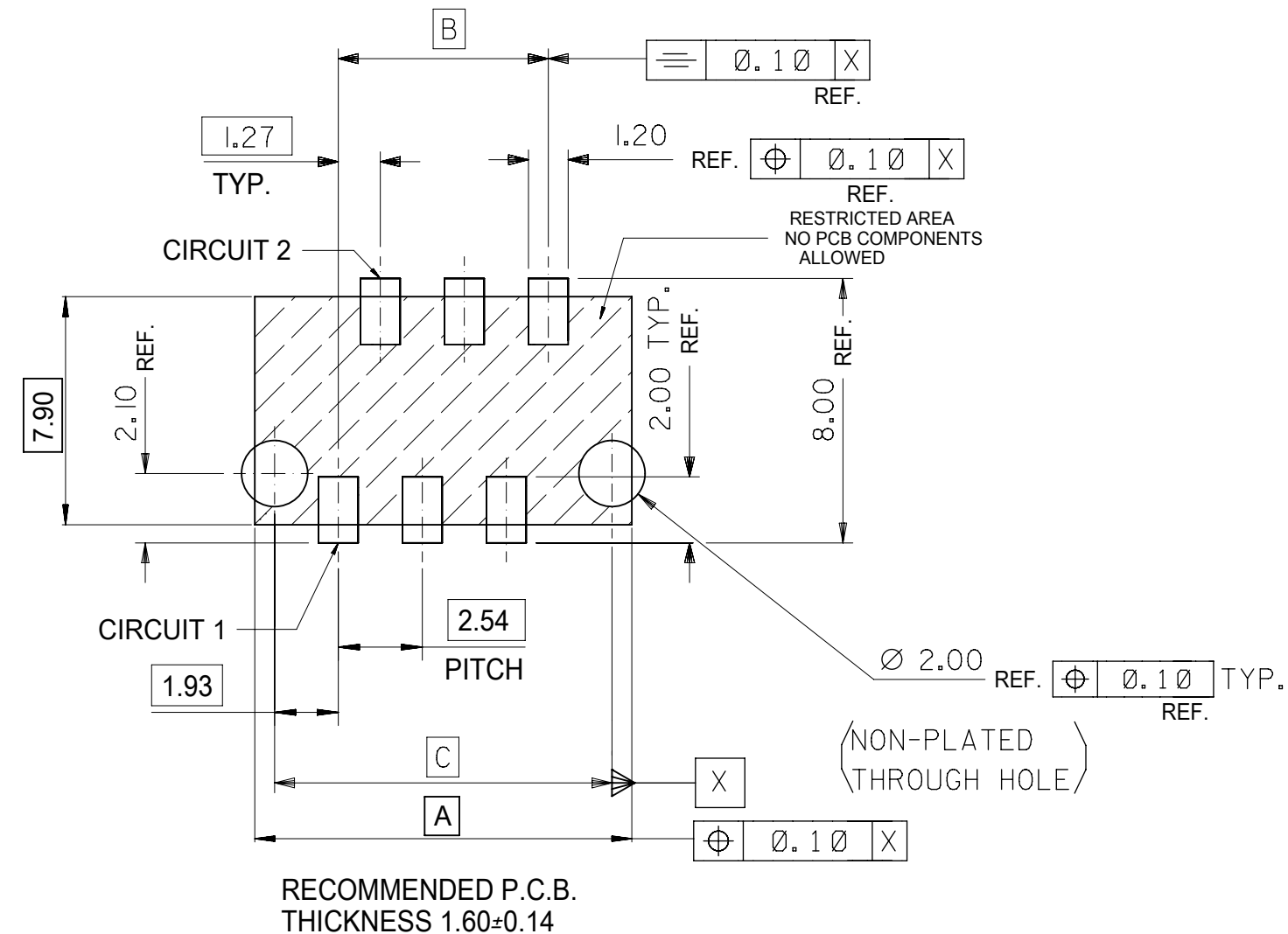
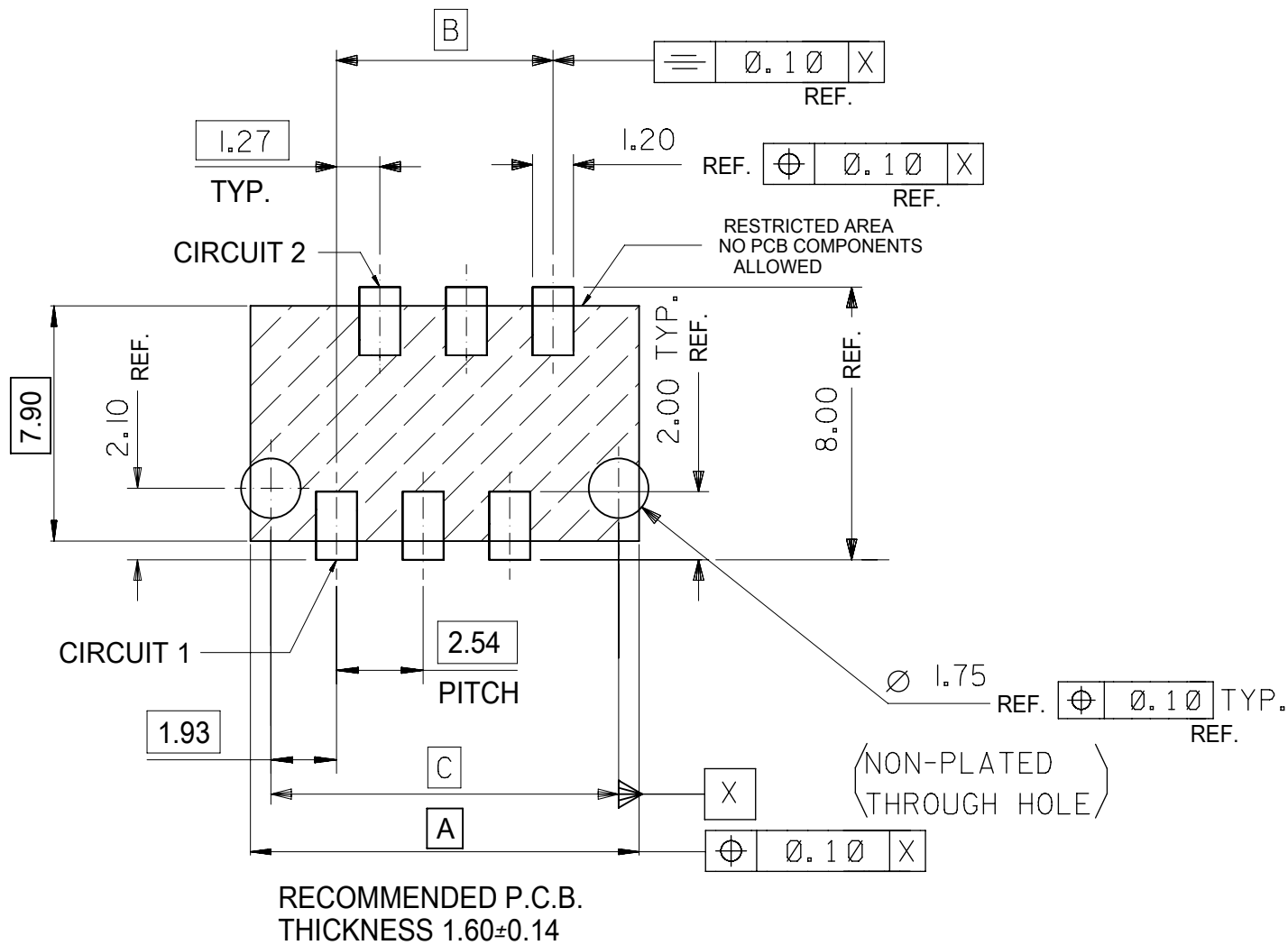
SEE DRAWING NO. SDA-90814
FOR COMPONENT DETAIL



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.

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 PICOFLEX SMT HEADER BLISTER TAPE			
mm		1.5:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 169568							
ANGULAR TOL ± 2.0°				DRWN: BPMURPHY 2017/12/05							
4 PLACES		±		CHK'D: DSHEA 2018/04/13							
3 PLACES		±		APPR: DBYRNES 2018/04/18							
2 PLACES ± 0.1				PRODUCT CUSTOMER DRAWING							
1 PLACE ± 0.2											
0 PLACES ±											
INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
DRWN: BPMURPHY 2017/09/25				908149002		PSD		000		B	
APPR: DBYRNES 2017/11/17											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER	
						A3-SIZE		90814		SEE TABLE	
								CUSTOMER		SHEET NUMBER	
								GENERAL MARKET		2 OF 2	



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

PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS
HEADER VERSIONS 90814-*x 3**/-*x 5**/-*x 6**/-*x 7**,
VIEWED FROM COMPONENT SIDE

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

mm

SCALE

5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.1

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING

A2-SIZE

SERIES

90814

CURRENT REV DESC: TYPO ERROR CORRECTED

EC NO: 647680

DRWN: SMAHAJANSHET 2020/10/23

CHK'D: NCSR 2020/10/23

APPR: NCSR 2020/10/23

INITIAL REVISION:

DRWN: DMCNAMAR 2001/08/16

APPR: EFOLEN 2010/11/04

DOCUMENT NUMBER

SDA-90814

MATERIAL NUMBER

SEE CHART

DOC TYPE

PSD

DOC PART

001

REVISION

AE

PICOFLEX SMT HEADER

PRODUCT CUSTOMER DRAWING

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 2

DOCUMENT STATUS

P1

RELEASE DATE

2021/01/11 03:22:12

13

12

11

10

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