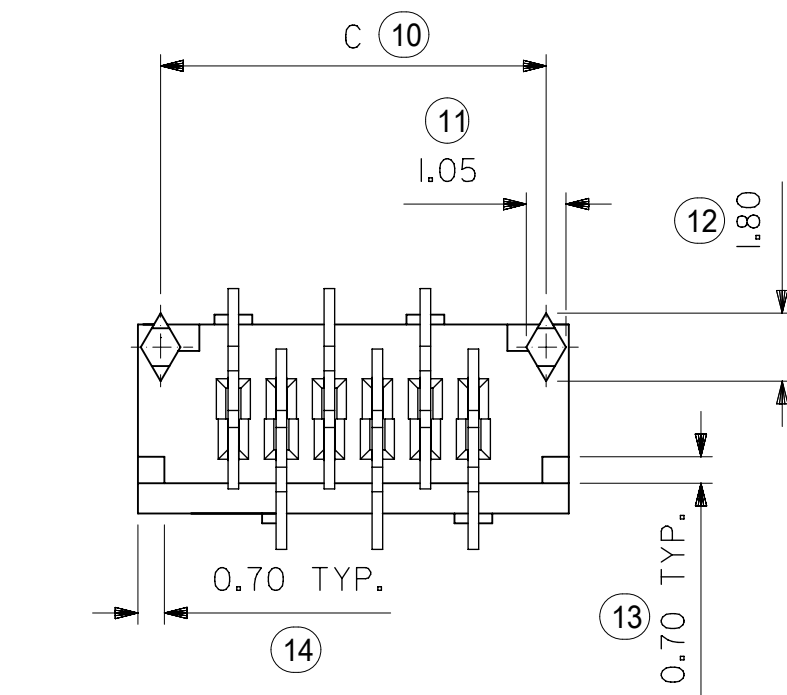
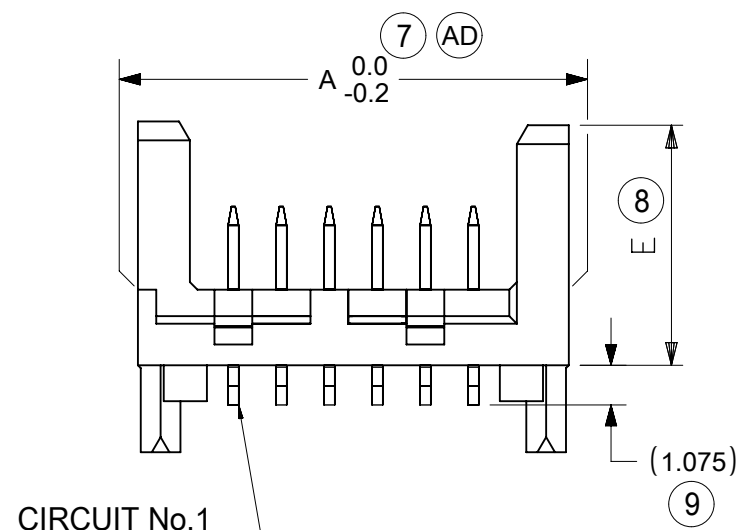
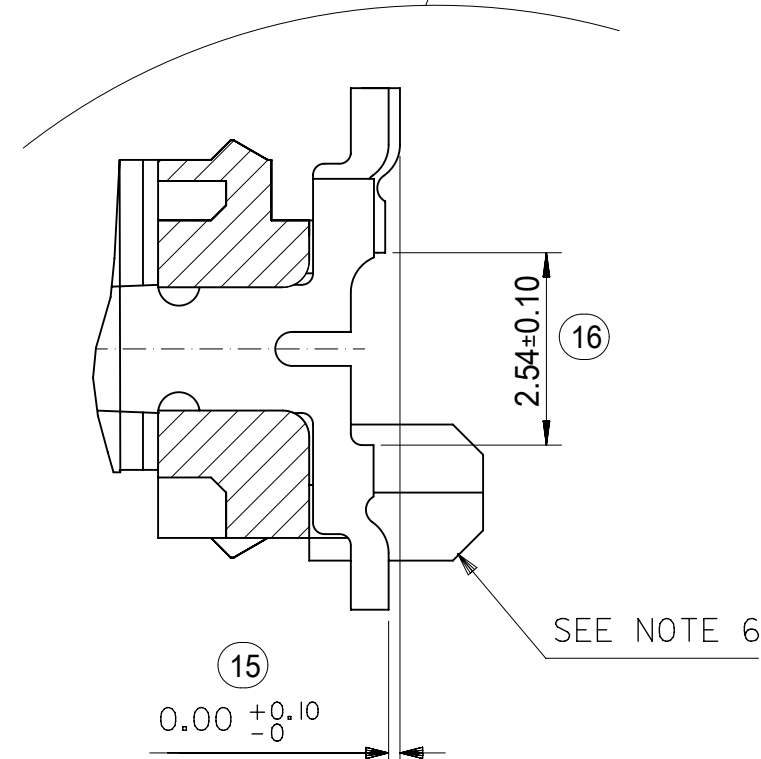
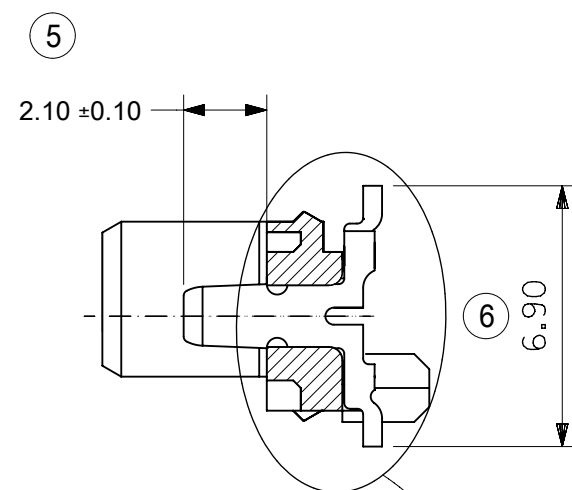
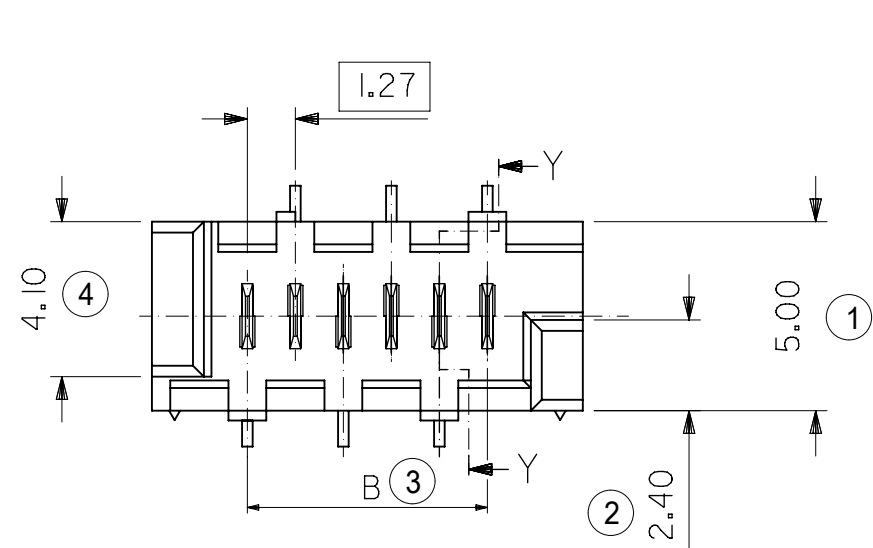




NOTES:

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

	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	

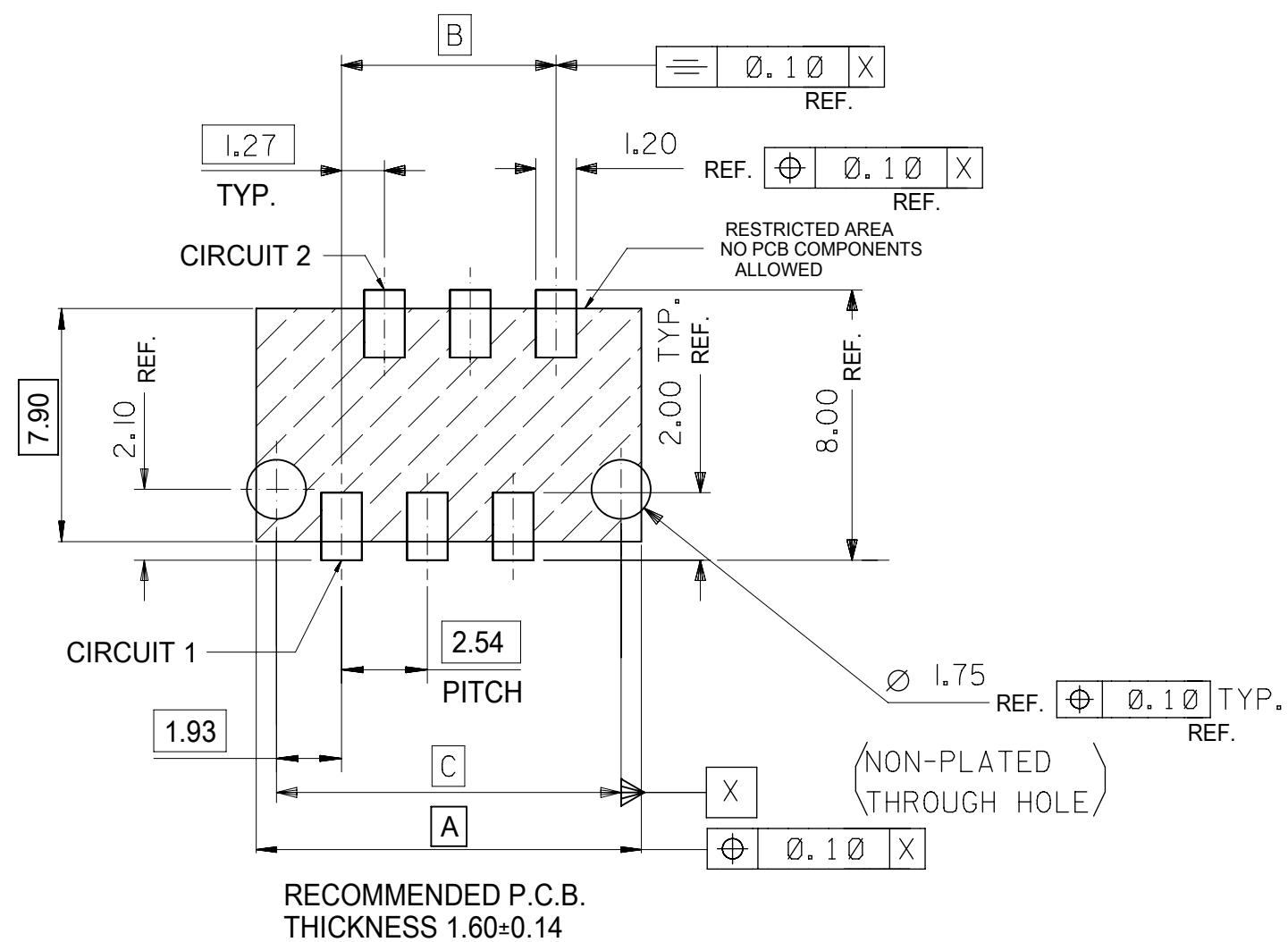
- 0= 3-5 MICROMETRE TIN VERSION

— 3= 0.76μm GOLD PLATING

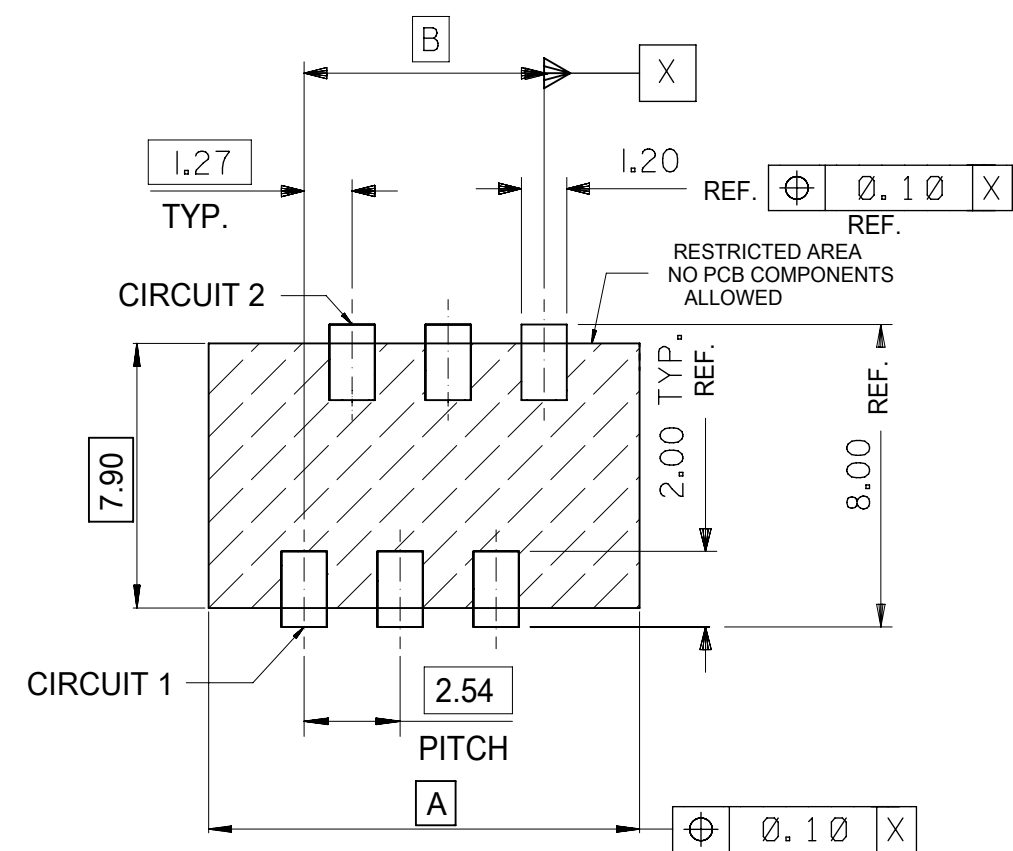
90814-***26	26	36.80	31.75	35.60	14	YES
90814-***24	24	34.26	29.21	33.06	15	YES
90814-***22	22	31.72	26.67	30.52	16	YES
90814-***20	20	29.18	24.13	27.98	18	YES
90814-***18	18	26.64	21.59	25.44	20	YES
90814-***16	16	24.10	19.05	22.90	22	YES
90814-***14	14	21.56	16.51	20.36	25	YES
90814-***12	12	19.02	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 ±							DOCUMENT NUMBER SDA-90814			DOC TYPE	DOC PART	REVISION
0 PLACES ±										PSD	001	AE1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION 		DRAWING A2-SIZE	SERIES 90814	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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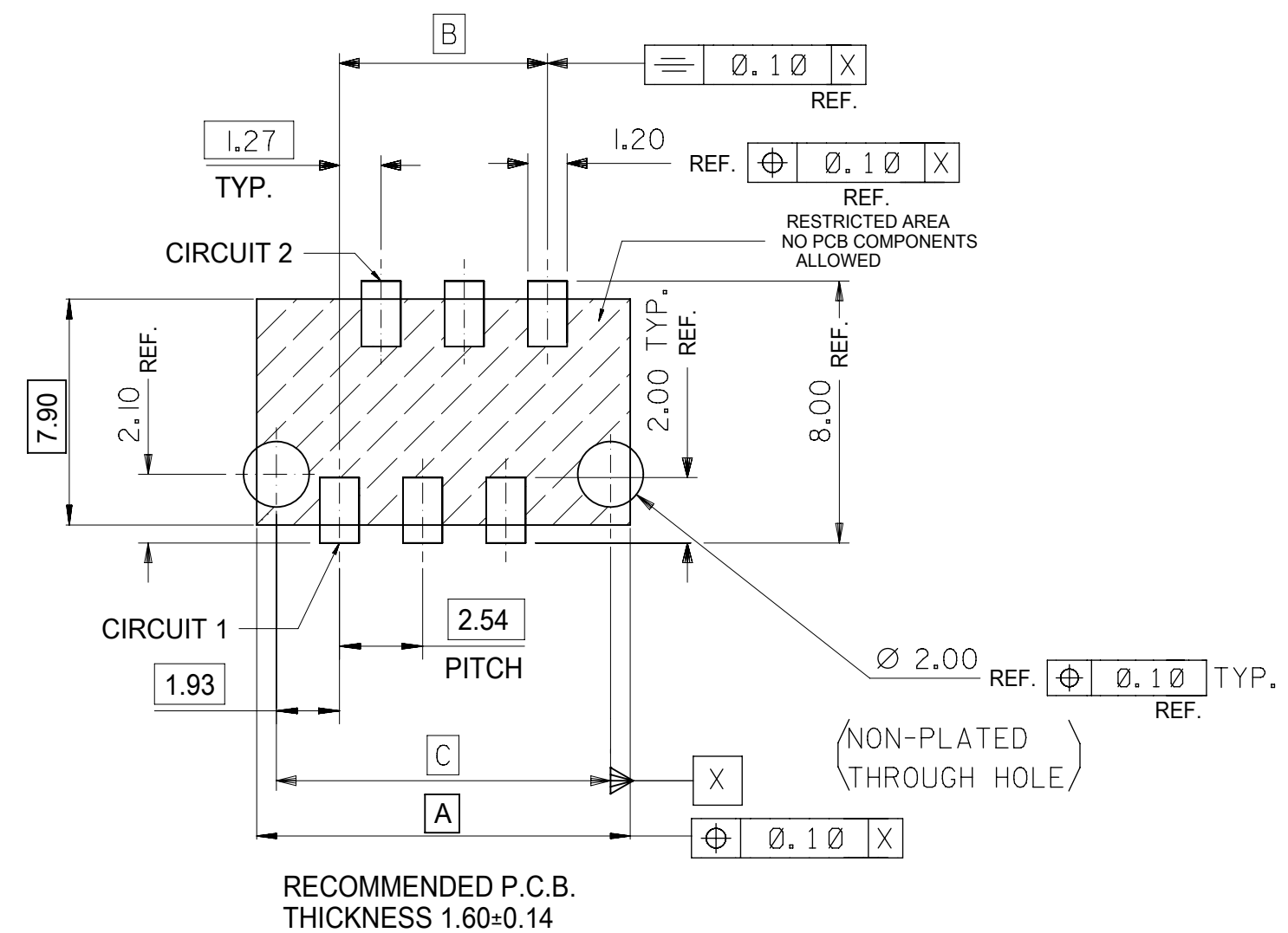


PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
 HEADER VERSIONS 90814- $\times 0 \times \times$ / - $\times 2 \times \times$ / - $\times 8 \times \times$ / - $\times 9 \times \times$,
 VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS

HEADER VERSIONS 90814-*x*3*xx*/-*x*5*xx*/-*x*6*xx*/-*x*7*xx*,
VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS
 HEADER VERSIONS 90814-0**/-x2**/-x8**/-x9**,
 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)				EC NO: 738955 DRWN: GOWTHP 2023/02/02 CHK'D: GOWTHP 2023/02/16 APPR: ISHWARG 2023/02/20				PICOFLEX SMT HEADER							
ANGULAR TOL ± 0.5 °															
4 PLACES		±													
3 PLACES		±		INITIAL REVISION: DRWN: DMCNAMAR 2001/08/16 APPR: EFOLN 2010/11/04				PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER SDA-90814 DOC TYPE PSD DOC PART 001 REVISION AE1							
2 PLACES		± 0.1													
1 PLACE		±													
0 PLACES		±													
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	