

90814 - \* \* \*  
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 PLATING

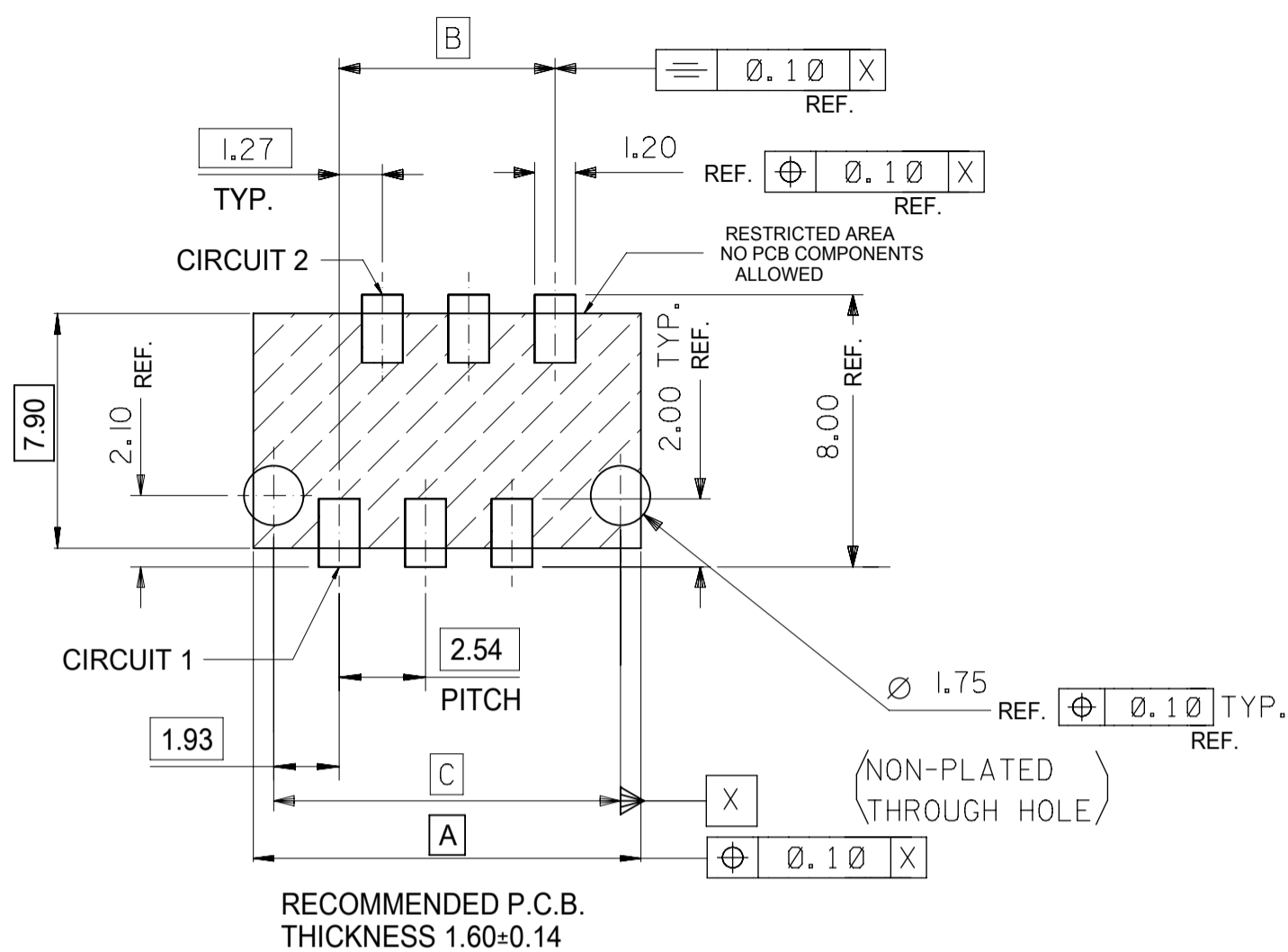
90814-**-26	26	36.80	31.75	35.60	14	YES
90814-**-24	24	34.26	29.21	33.06	15	YES
90814-**-22	22	31.72	26.67	30.52	16	YES
90814-**-20	20	29.18	24.13	27.98	18	YES
90814-**-18	18	26.64	21.59	25.44	20	YES
90814-**-16	16	24.10	19.05	22.90	22	YES
90814-**-14	14	21.56	16.51	20.36	25	YES
90814-**-12	12	19.02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

- 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

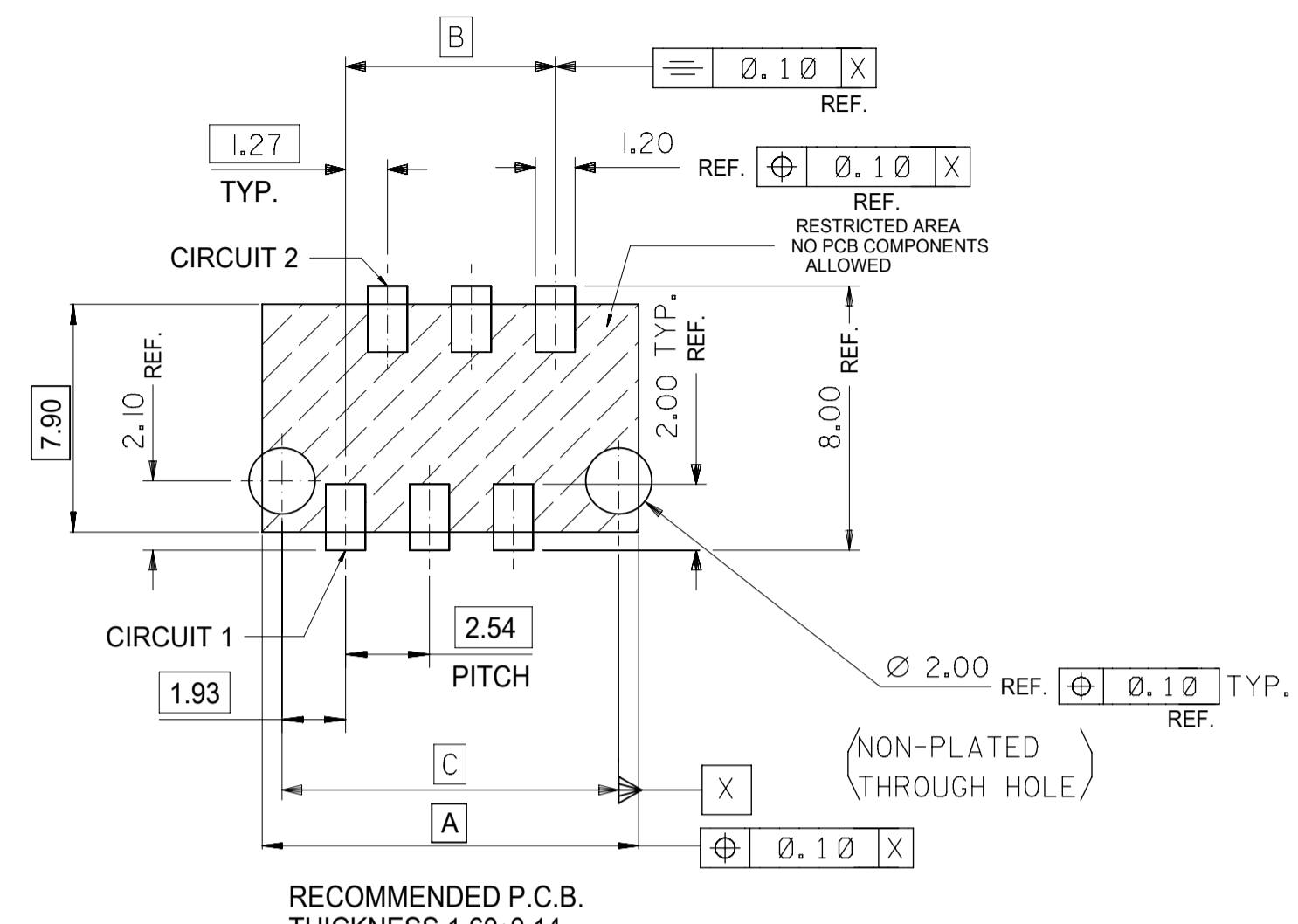
INSPECTION NUMBERS USED ON SHEET 1: 1-50  
LAST INSPECTION NUMBER: 16

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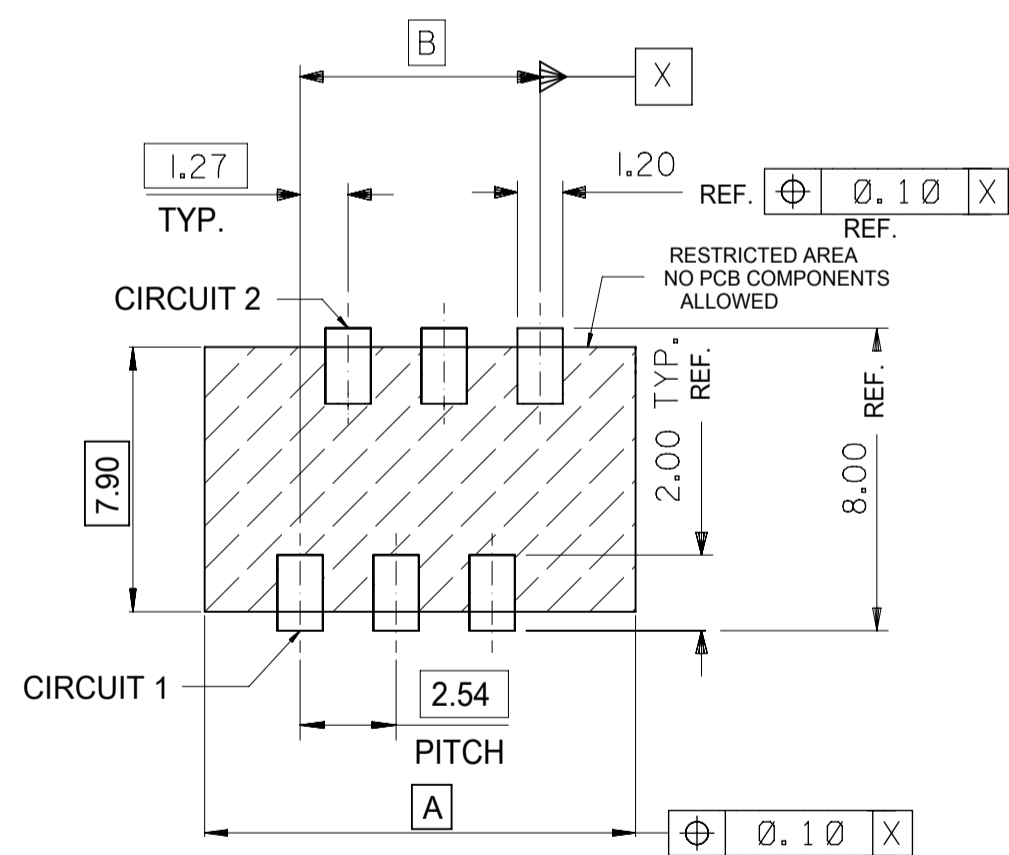
DIMENSION UNITS	SCALE	CURRENT REV DESC:		<b>molex</b>			
mm	5:1						
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 738955		PICOFLEX SMT HEADER			
ANGULAR TOL ± 0.5°		DRWN: GOWTHP 2023/02/02					
4 PLACES ±		CHK'D: GOWTHP 2023/02/16		PRODUCT CUSTOMER DRAWING			
3 PLACES ±		APPR: ISHWARG 2023/02/20		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



RECOMMENDED P.C.B.  
THICKNESS 1.60±0.14  
PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS  
HEADER VERSIONS 90814-xx0xx/-x2xx/-x8xx/-x9xx,  
VIEWED FROM COMPONENT SIDE



RECOMMENDED P.C.B.  
THICKNESS 1.60±0.14  
PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS  
HEADER VERSIONS 90814-xx0xx/-x2xx/-x8xx/-x9xx,  
VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS  
HEADER VERSIONS 90814-xx3xx/-x5xx/-x6xx/-x7xx,  
VIEWED FROM COMPONENT SIDE

90814-xx26	26	36.80	31.75	35.60
90814-xx24	24	34.26	29.21	33.06
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90814-xx06	6	11.40	6.35	10.20
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PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C

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DIMENSION UNITS <b>mm</b>	SCALE <b>5:1</b>	CURRENT REV DESC:		<b>molex</b>		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 738955				
ANGULAR TOL	± 0.5°	DRWN:	GOWTHP	PRODUCT CUSTOMER DRAWING		
4 PLACES	±	DRWN:	DMCNAMAR			
3 PLACES	±	CHK'D:	GOWTHP	DOC TYPE <b>PSD</b>		
2 PLACES	± 0.1	APPR:	ISHWARG			
1 PLACE	±	INITIAL REVISION:		REVISION <b>AE1</b>		
0 PLACES	±	DRWN:	EFOLEN			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING <b>A2-SIZE</b>	CUSTOMER <b>GENERAL MARKET</b>		
		SERIES <b>90814</b>				