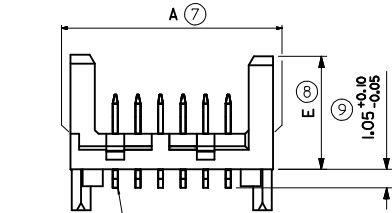
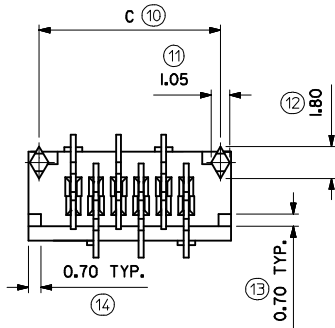


SECTION Y-Y



CIRCUIT No.1



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).
PALLADIUM NICKEL (PdNi): 0.6 MICROMETRE SELECTIVE PdNi WITH 0.05 MICROMETRE GOLD FLASH
IN CONTACT AREA AND 3-5 MICROMETRE SELECTIVE TIN IN SOLDER TAIL AREA
OVER 1.27 MICROMETRE NICKEL(Ni) UNDERCOAT.
- 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 SDA-90814-9001
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

SEE NOTE 4

(SCALE 10:1)

SEE NOTE 6

90814 - **
CIRCUIT SIZE

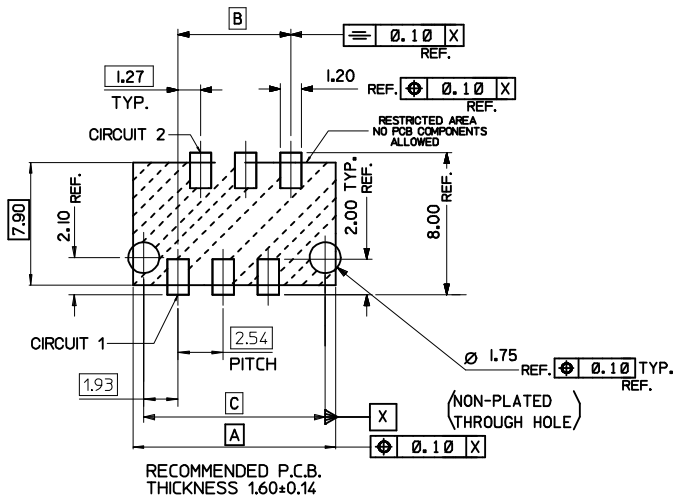
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E	
0	YES	YES	NO	6.40	STANDARD
2	YES	NO	YES	6.40	PROFILE
3	NO	YES	NO	6.40	REFLOW
5	NO	NO	YES	6.40	NOTE 9
6	NO	YES	NO	4.10	LOW
7	NO	NO	YES	4.10	PROFILE
8	YES	YES	NO	4.10	REFLOW
9	YES	NO	YES	4.10	NOTE 9

0= 3-5 MICROMETRE TIN VERSION

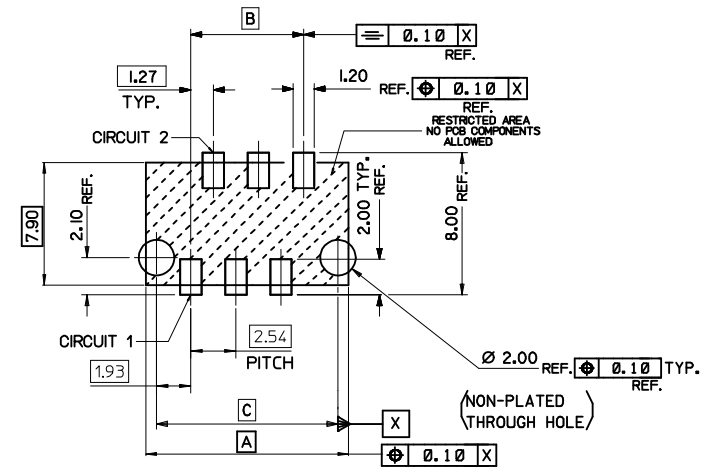
3= 0.6 MICROMETRE PALLADIUM NICKEL VERSION

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

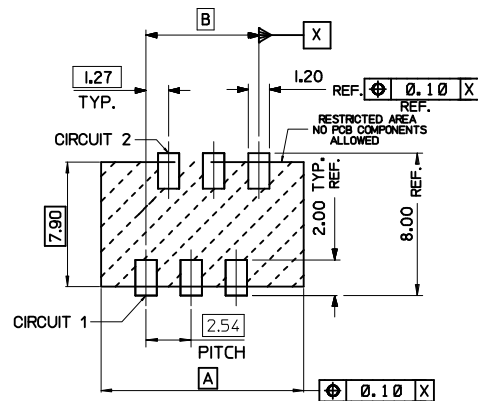
ADDED REFLOW NOTES EC NO: IPG2015-1233 DRAWN BY: RYANES 2015/01/08 CHKD: CHIKO APPR: STURFFIN 2015/01/14 Z	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
						DRAWN BY DMCNAMAR	DATE 2001/08/16	TITLE PICO FLEX SMT HEADER				
						CHECKED BY	DATE					
						PCURTIN	2001/08/16					
						APPROVED BY	DATE					
						EFOLAN	2010/11/04					
						MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A2		SDA-90814			1 OF 2	
						SEE CHART						
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



RECOMMENDED P.C.B.
THICKNESS 1.60±0.14
PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
HEADER VERSIONS 90814-0**/-2**/-8**/-9**,
VIEWED FROM COMPONENT SIDE



RECOMMENDED P.C.B.
THICKNESS 1.60±0.14
PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS
HEADER VERSIONS 90814-0**/-2**/-8**/-9**,
VIEWED FROM COMPONENT SIDE



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

90814-026	26	36.80	31.75	35.60
90814-024	24	34.26	29.21	33.06
90814-022	22	31.72	26.67	30.52
90814-020	20	29.18	24.13	27.98
90814-018	18	26.64	21.59	25.44
90814-016	16	24.10	19.05	22.90
90814-014	14	21.56	16.51	20.36
90814-012	12	19.02	13.97	17.82
90814-010	10	16.48	11.43	15.28
90814-008	8	13.94	8.89	12.74
90814-006	6	11.40	6.35	10.20
90814-004	4	8.86	3.81	7.66
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C

CORRECTED P.C.B. DIMS EC NO: IPG2013-0901 DRWN:BYRNES 2012/12/13 CHKD:DMAHER 2013/01/22 APPR:STGRIFLIN 2013/01/23 T	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY DMCNAMAR		DATE 2001/08/23	TITLE PICO FLEX SMT HEADER		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± ---		CHECKED BY BMAGUIRE		DATE 2001/08/23	MOLEX INCORPORATED		
		ANGULAR ± 1/2°		APPROVED BY EFOLAN		DATE 2010/11/04	MATERIAL NO. SEE CHART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO. SDA-90814		SHEET NO. 2 OF 2	