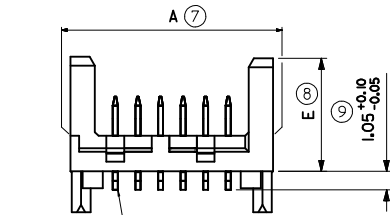
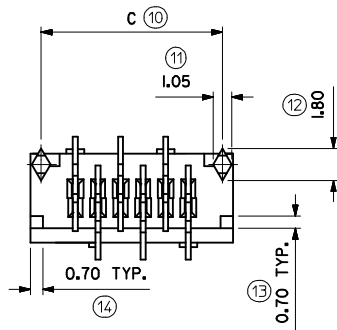


SECTION Y-Y



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

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

SEE NOTE 4

(SCALE 10:1)

SEE NOTE 6

90814 - **
CIRCUIT SIZE

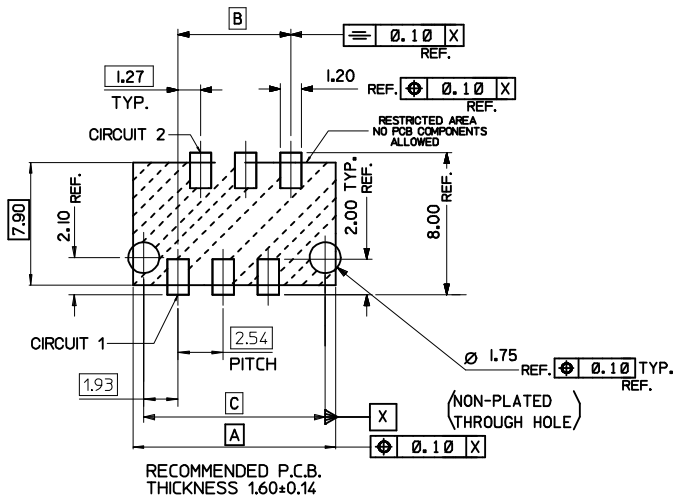
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E
0	YES	YES	NO	6.40
2	YES	NO	YES	6.40
3	NO	YES	NO	6.40
5	NO	NO	YES	6.40
6	NO	YES	NO	4.10
7	NO	NO	YES	4.10
8	YES	YES	NO	4.10
9	YES	NO	YES	4.10

0= 3-5 MICROMETRE TIN VERSION

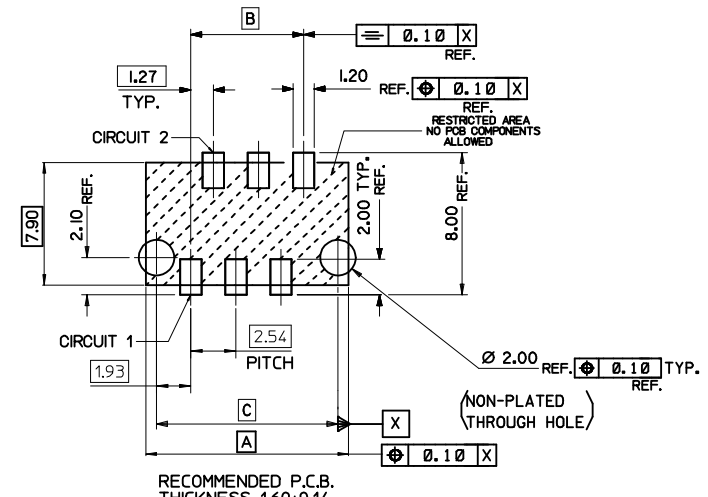
3= 0.6 MICROMETRE PALLADIUM NICKEL VERSION

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**-03**/-06** & -08** VERSIONS)	TOOLED

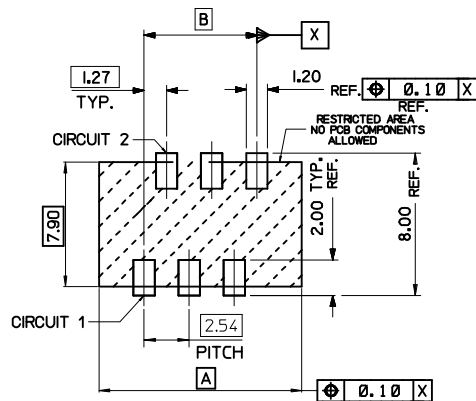
REMOVED GOLD OPTION EC NO: IPG2012-0576 DRAWN BY: RYNES 2012/03/22 CHKD: SMC GREVY 2012/03/29 APPR: EFOLAN 2012/07/17 Y	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE DMCNAMAR 2001/08/16 CHECKED BY DATE PCURTIN 2001/08/16 APPROVED BY DATE EFOLAN 2010/11/04 MATERIAL NO. SEE CHART SIZE A2	TITLE PICO FLEX SMT HEADER MOLEX INCORPORATED DOCUMENT NO. SDA-90814 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	SHEET NO. 1 OF 2
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RECOMMENDED P.C.B.
THICKNESS 1.60±0.14
PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
HEADER VERSIONS 90814-0002-899, VIEWED FROM COMPONENT SIDE



RECOMMENDED P.C.B.
THICKNESS 1.60±0.14
PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS
HEADER VERSIONS 90814-0002-899, VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS
HEADER VERSIONS 90814-3005-799, VIEWED FROM COMPONENT SIDE

90814-0026	26	36.80	31.75	35.60
90814-0024	24	34.26	29.21	33.06
90814-0022	22	31.72	26.67	30.52
90814-0020	20	29.18	24.13	27.98
90814-0018	18	26.64	21.59	25.44
90814-0016	16	24.10	19.05	22.90
90814-0014	14	21.56	16.51	20.36
90814-0012	12	19.02	13.97	17.82
90814-0010	10	16.48	11.43	15.28
90814-0008	8	13.94	8.89	12.74
90814-0006	6	11.40	6.35	10.20
90814-0004	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 DRN:BYRNES 2012/12/13 CHK:DMAHER 2013/01/22 APPR:STGRIFLIN 2013/01/23 T	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°		DIMENSION STYLE MM ONLY DRAWN BY DATE DMCNAR 2001/08/23 CHECKED BY DATE BMAGUIRE 2001/08/23 APPROVED BY DATE EFOLAN 2010/11/04		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		TITLE PICOFLEX SMT HEADER		
		SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		MOLEX INCORPORATED SDA-90814		
						SHEET NO. 2 OF 2		