

Excellent Integrated System Limited

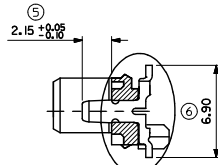
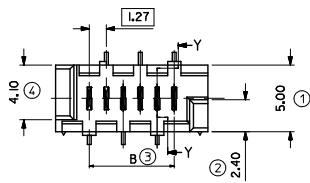
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

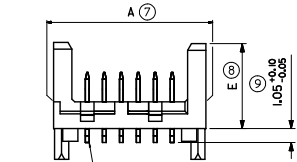
[Molex Connector Corporation](#)
[90814-3812](#)

For any questions, you can email us directly:

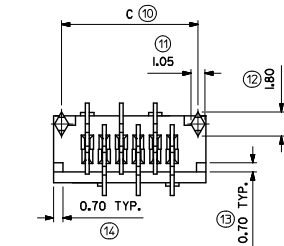
sales@integrated-circuit.com



SECTION Y-Y



CIRCUIT No.1



SEE NOTE 4

(SCALE 10x1)

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 127 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 127 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

90814 - **
CIRCUIT SIZE

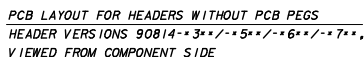
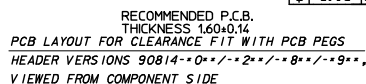
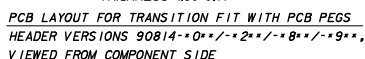
	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E	
0	YES	YES	NO	6.40	STANDARD
2	YES	NO	YES	6.40	PROFILE
3	NO	YES	NO	6.40	REFLOW
5	NO	NO	YES	6.40	NOTE 9
6	NO	YES	NO	4.10	LOW
7	NO	NO	YES	4.10	PROFILE
8	YES	YES	NO	4.10	REFLOW
9	YES	NO	YES	4.10	NOTE 9

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: JFG2015-1233 DRAWN BY: BRYNES CHKD: Z APPR: SGRIFIN REV: 2015/01/14	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 DATE DMCNAMAR 2001/08/16 CHECKED BY DATE PCURTIN 2001/08/16 APPROVED BY DATE EFOLAN 2010/11/04	TITLE PICOFLEX SMT HEADER	MOLEX MOLEX INCORPORATED	
		4 PLACES ±---		±---					
		3 PLACES ±---		±---					
		2 PLACES ±0.10		±---					
		1 PLACE ±---		±---					
		ANGULAR ±1/2°				MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-90814	SHEET NO. 1 OF 2
		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			



908 I4--*26	26	36.80	31.75	35.60
908 I4--*24	24	34.26	29.21	33.06
908 I4--*22	22	31.72	26.67	30.52
908 I4--*20	20	29.18	24.13	27.98
908 I4--*18	18	26.64	21.59	25.44
908 I4--*16	16	24.10	19.05	22.90
908 I4--*14	14	21.56	16.51	20.36
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908 I4--*06	6	11.40	6.35	10.20
908 I4--*04	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: PG2075-0901 DRAWING NO: 2013/0119 DATE: 2013/01/19 APPROVED BY: 2013/01/22	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>3 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>2 PLACES ±</td><td>0.10</td><td>---</td></tr><tr><td>1 PLACE ±</td><td>0.2</td><td>---</td></tr><tr><td colspan="3">ANGULAR ±1/2°</td></tr></tbody></table>		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---	2 PLACES ±	0.10	---	1 PLACE ±	0.2	---	ANGULAR ±1/2°			DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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		CHECKED BY DATE BMAIGUIRE 2011/08/23																						
		APPROVED BY DATE EFOLAN 2010/11/04	MOLEX MOLEX INCORPORATED																					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART	DOCUMENT NO. SDA-90814	SHEET NO. 2 OF 2																				
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