Excellent Integrated System Limited

Stocking Distributor

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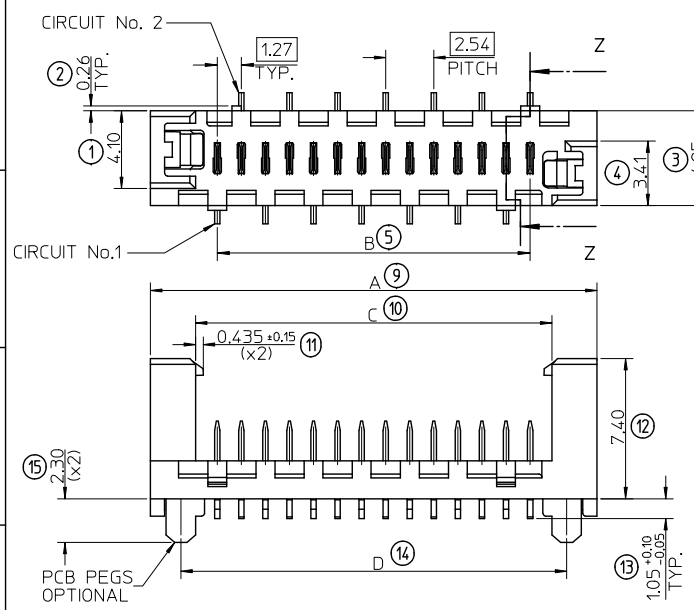
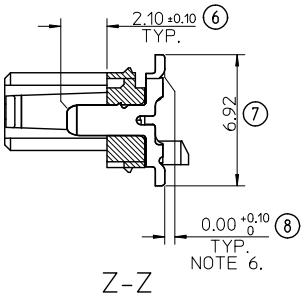
Molex Connector Corporation
0908163206

For any questions, you can email us directly:
sales@integrated-circuit.com





14 CIRCUIT SHOWN FOR ILLUSTRATION ONLY.

PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	DIMN. D	
90816-**04	4	10.86	3.81	6.11	7.66	NOTE 7
90816-**06	6	13.40	6.35	8.65	10.20	
90816-**08	8	15.94	8.89	11.19	12.74	
90816-**10	10	18.48	11.43	13.73	15.28	
90816-**12	12	21.02	13.97	16.27	17.82	
90816-**14	14	23.56	16.51	18.81	20.36	
90816-**16	16	26.10	19.05	21.35	22.90	
90816-**18	18	28.64	21.59	23.89	25.44	
90816-**20	20	31.18	24.13	26.43	27.98	
90816-**22	22	33.72	26.67	28.97	30.52	
90816-**24	24	36.26	29.21	31.51	33.06	
90816-**26	26	38.80	31.75	34.05	35.60	

90816 - * * **
- CIRCUIT SIZE.
- 0 = TIN VERSION
- 3 = PALLADIUM NICKEL VERSION

	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED
0	YES	YES	NO
2	YES	NO	YES
3	NO	YES	NO
5	NO	NO	YES

NOTES:

1- MATERIAL
HOUSING: PPA, GLASS-FILLED, COLOUR: BLACK, UL 94-HB.
TERMINAL: BRASS

2- FINISHES: TERMINAL
PALLADIUM NICKEL (PdNi): CONTACT AREA: SELECTIVE PdNi, 0.6 MICROMETRE MINIMUM
UNDER 0.05 MICROMETRE MINIMUM GOLD FLASH
SMT TAILS: TIN (Sn), 3 MICROMETRE MIN OVER
NICKEL UNDERPLATE.
TIN: 3 MICROMETRE MINIMUM OVER NICKEL UNDERPLATE.

3- PRODUCT SPECIFICATION: PS-99020-0011

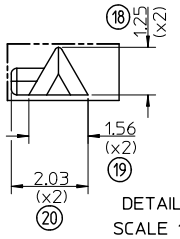
4- PACKAGING SPECIFICATION: FOR TAPE AND REEL SEE: PK-90816-006
FOR TUBE SEE: PK-90816-007

5- MATES WITH MOLEX 90327 PART SERIES.

6- ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND
OF 0 - 0.10 MICROMETRE REF. FROM EACH OTHER.

7- 4 CIRCUIT PART NOT AVAILABLE IN TAPE AND REEL.

LAST INSPECTION NUMBER USED: 20



REV	DESCRIPTION
T	ADDED UL FLAMMABILITY RATING, MOD. PCB DIMS EC NO: IPG2013-0901 2012/07/25
	DRWN:DBYRNES 2013/01/22
	CHKD:DMAHER
	APPR:STGRIFFIN 2013/01/23

QUALITY SYMBOLS: ▼=0 ▽=0

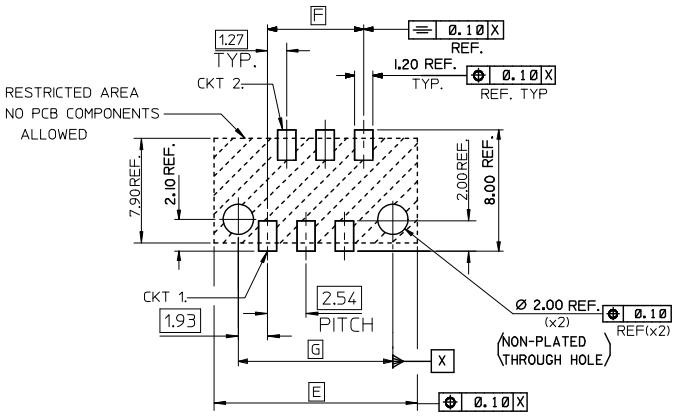
GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± 0.35	± ---
ANGULAR ± 2 °		

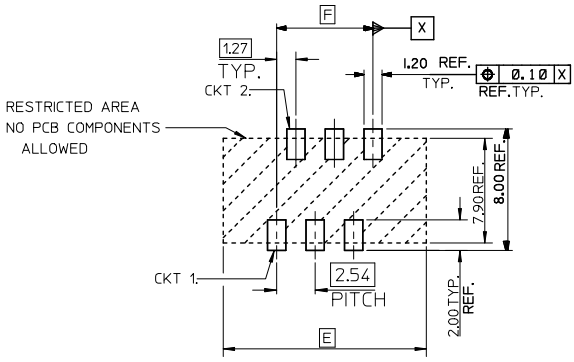
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY	SCALE: 5:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: D.BYRNES	DATE: 2008/08/16	TITLE: PICOFLEX SMT LATCHED HEADER	
CHECKED BY: JDWALLACE	DATE: 2008/08/26		
APPROVED BY: EFOLAN	DATE: 2010/11/04	MOLEX INCORPORATED	
MATERIAL NO.: SEE CHART		DOCUMENT NO.: SD-90816-001	SHEET NO.: 1 OF 2
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

tb_frame_A3_P_AM_T
Rev. E 2006/04/15



RECOMMENDED PCB THICKNESS 1.60±0.14
PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS
HEADER VERSIONS 90816-*0**/*2**
VIEWED FROM COMPONENT SIDE
6CKT PART SHOWN FOR REFERENCE



PCB LAYOUT WITHOUT PCB PEGS
HEADER VERSIONS 90816-*3**/*5**
VIEWED FROM COMPONENT SIDE
6CKT PART SHOWN FOR REFERENCE

PART NO.	NUMBER OF CKTS	DIM. E	DIM. F	DIM. G
90816-**26	26	38.80	31.75	35.60
90816-**24	24	36.26	29.21	33.06
90816-**22	22	33.72	26.67	30.52
90816-**20	20	31.18	24.13	27.98
90816-**18	18	28.64	21.59	25.44
90816-**16	16	26.10	19.05	22.90
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SEE SHEET 1
EC NO: IPG2013-0901
DRWN:DBYRNES 2012/07/25
CHKD:DMAHER 2013/01/22
APPR:STGRIFFIN 2013/01/23
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
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3 PLACES	± ---	± ---
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: D.BYRNES DATE: 2008/08/16
CHECKED BY: JDWALLACE DATE: 2008/08/26
APPROVED BY: EFOLAN DATE: 2010/11/04

TITLE: PICOFLEX SMT LATCHED HEADER

molex MOLEX INCORPORATED

MATERIAL NO.: SEE SHEET 1
DOCUMENT NO.: SD-90816-001
SHEET NO.: 2 OF 2
SIZE: A3

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Rev. E 2006/04/15