

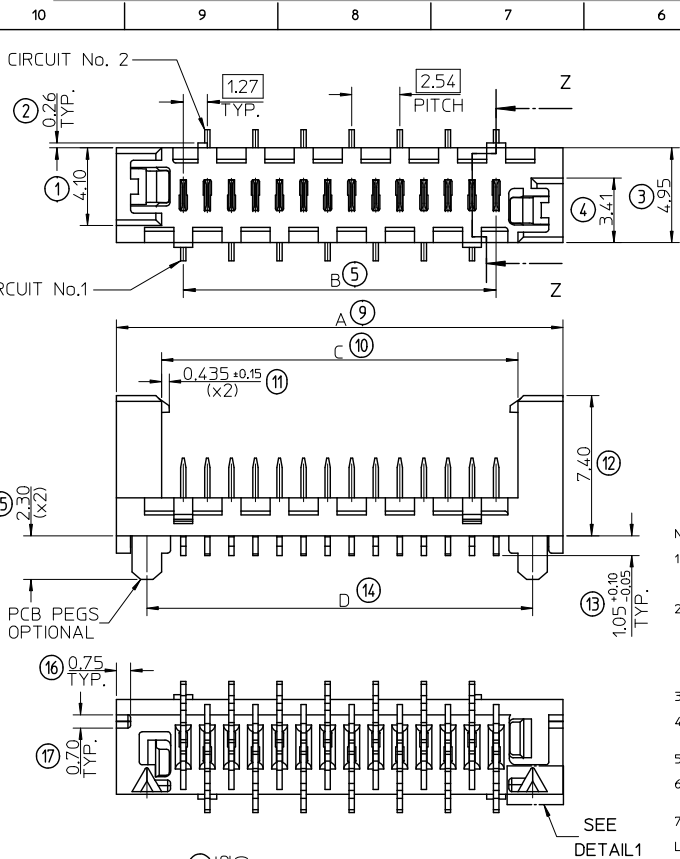
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14 CIRCUIT SHOWN FOR ILLUSTRATION ONLY.

NOTES:

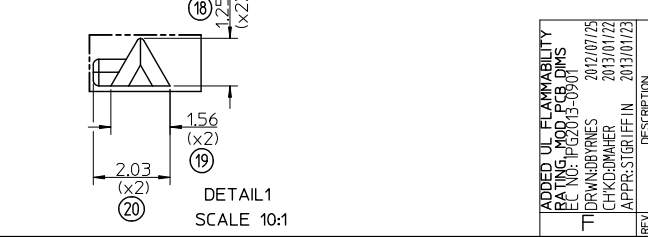
- 1- MATERIAL HOUSING: PPA, GLASS-FILLED, COLOUR: BLACK, UL 94-HB. TERMINAL: BRASS
 - 2- FINISHES: TERMINAL PALLADIUM NICKEL (PdNi); CONTACT AREA: SELECTIVE PdNi, 0.6 MICROMETRE MINIMUM UNDER 0.05 MICROMETRE MINIMUM GOLD FLASH SMT TAILS: TIN (Sn), 3 MICROMETRE MIN OVER NICKEL UNDERPLATE. TIN: 3 MICROMETRE 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

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.

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

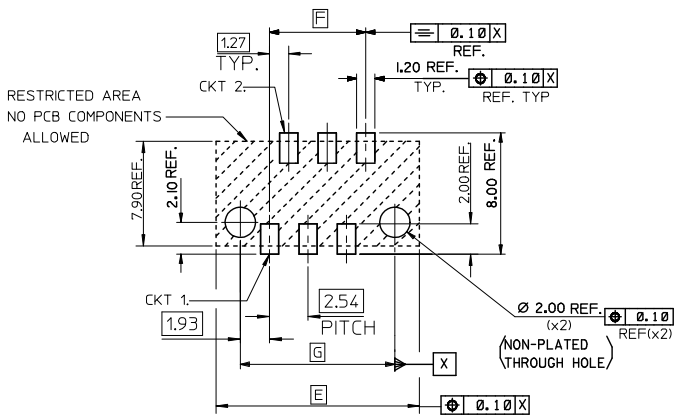
0 - TIN VERSION
3 - PALLADIUM NICKEL VERSION



ADDED UL FLAMMABILITY RE: MOLEX 90327	2012/07/25	
DRW: D.BYRNES	2013/01/22	
CHK: D.BYRNES	2013/01/22	
APP: S.TRIFFIN	2013/01/22	

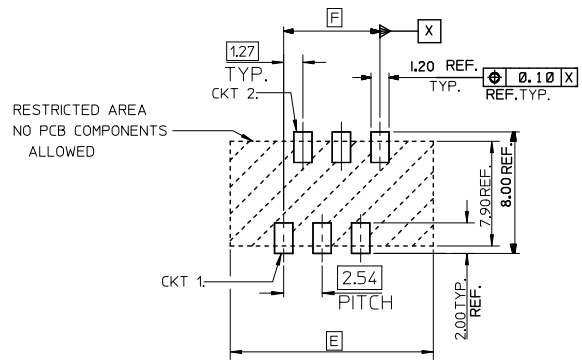
QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	4 PLACES	± ---	± ---	DRAWN BY D. BYRNES	DATE 2008/08/16	TITLE PICO FLEX SMT LATCHED HEADER	
	3 PLACES	± ---	± ---	CHECKED BY JDWALLACE	DATE 2008/08/26	MOLEX INCORPORATED	
	2 PLACES	± 0.25	± ---	APPROVED BY EFOLAN	DATE 2010/11/04	DOCUMENT NO. SD-90816-001	SHEET NO. 1 OF 2
	1 PLACE	± 0.35	± ---	MATERIAL NO. SEE CHART			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

10 9 8 7 6 5 4 3 2 1



RESTRICTED AREA
NO PCB COMPONENTS
ALLOWED

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



RESTRICTED AREA
NO PCB COMPONENTS
ALLOWED

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

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
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90816-**06	6	13.40	6.35	10.20
90816-**04	4	10.86	3.81	7.66
PART NO.	NUMBER OF CKTS	DIM. E	DIM. F	DIM. G

SEE SHEET 1 EC. NO: IPG2013-0901 DRAWN BY: D. BYRNES 2012/07/25 CHECKED BY: CHKD. MAHER 2013/01/22 APPR: STGR. FINN 2013/01/23	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE		
		3 PLACES ± --- ± ---	D. BYRNES 2008/08/16	PICOFLEX SMT LATCHED HEADER		
	2 PLACES ± 0.25 ± ---	CHECKED BY DATE	MOLEX INCORPORATED			
	1 PLACE ± 0.35 ± ---	JDWALLACE 2008/08/26	DOCUMENT NO. SD-90816-001			
	ANGULAR ± 2 °	APPROVED BY DATE	SHEET NO. 2 OF 2			
		EFOLAN 2010/11/04	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.				
		SEE SHEET 1				

9 8 7 6 5 4 3 2 1