

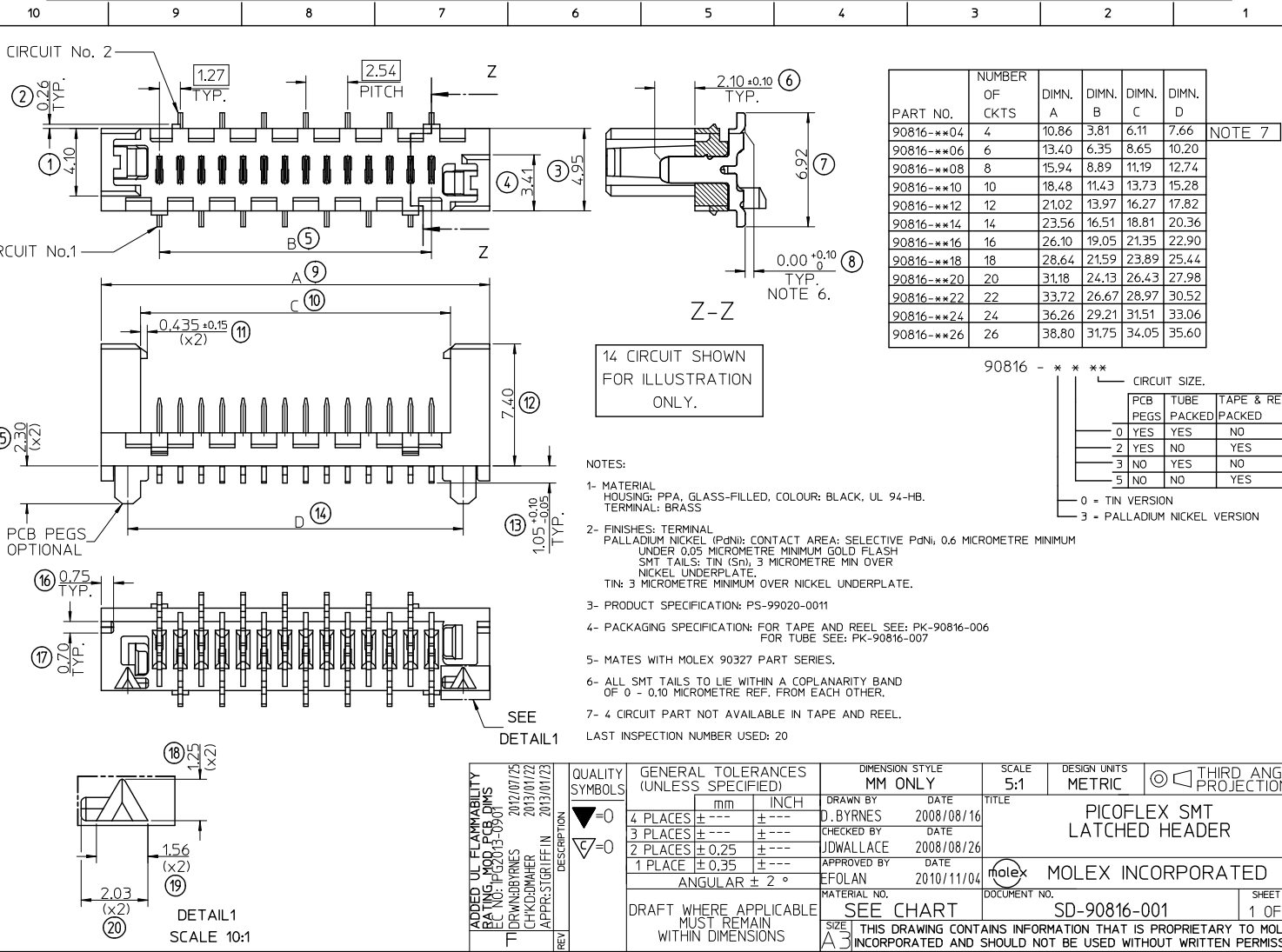
## Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)  
[0908160010](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



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	

14 CIRCUIT SHOWN FOR ILLUSTRATION ONLY.

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

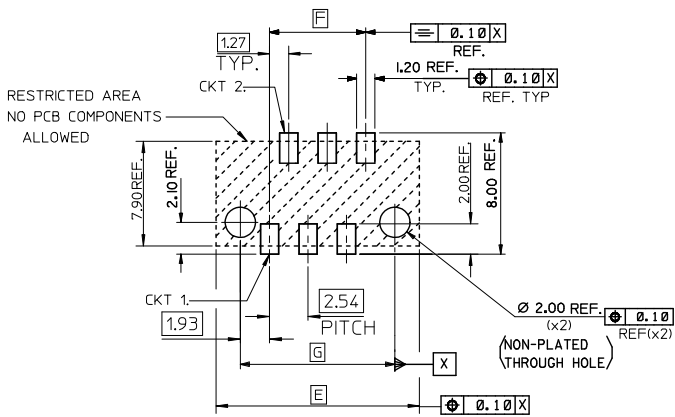
0 = TIN VERSION  
3 = PALLADIUM NICKEL VERSION

- 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

ADDED UL FLAMMABILITY RE: MOLEX 90816-0010	2012/07/25
DRW: D.BYRNES	2013/01/22
CHK: D.BYRNES	2013/01/22
APP: S.TRIFFIN	2013/01/22

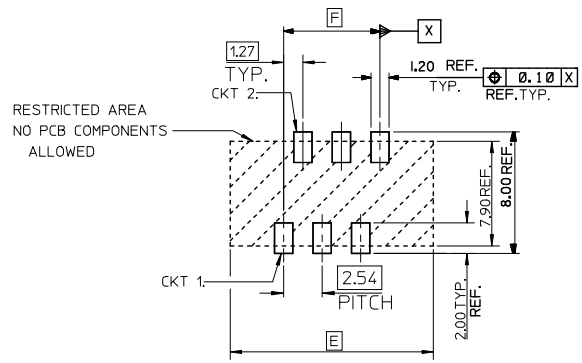
QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	4 PLACES	± ---	± ---	DRAWN BY D. BYRNES	DATE 2008/08/16	TITLE PICO FLEX SMT LATCHED HEADER	
	3 PLACES	± ---	± ---	CHECKED BY JD WALLACE	DATE 2008/08/26	MOLEX INCORPORATED	
	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 90816-0\*\*/\*3\*\*/\*5\*\*  
VIEWED FROM COMPONENT SIDE  
6CKT PART SHOWN FOR REFERENCE

90816-0**26	26	38.80	31.75	35.60
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90816-0**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 2013/07/25 CHECKED BY: CHKD. MAHER 2013/01/22 APPR: STIGITFIN 2013/01/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.35 ± --- ANGULAR ± 2 °	DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAWN BY: D. BYRNES 2008/08/16 CHECKED BY: JDWALLACE 2008/08/26 APPROVED BY: EFOLAN 2010/11/04	TITLE PICO FLEX SMT LATCHED HEADER	MATERIAL NO. SEE SHEET 1	DOCUMENT NO. SD-90816-001	SHEET NO. 2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
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9 8 7 6 5 4 3 2 1