



14 CIRCUIT SHOWN FOR ILLUSTRATION ONLY.

PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	DIMN. D
90816-**04	04	10.86	3.81	6.11	7.66
90816-**06	06	13.40	6.35	8.65	10.20
90816-**08	08	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

SEE NOTE-7

NOTES:

- MATERIAL
HOUSING: PPA, GLASS-FILLED, COLOUR: BLACK, UL 94-HB.
TERMINAL: BRASS
 - FINISHES: TERMINAL
Gold : UNDERPLATED 1.27µm MIN NICKEL
3-5µm TIN SELECTIVE
0.76µm MIN. SELECTIVE GOLD
TIN: 3 MICROMETRE MINIMUM OVER NICKEL UNDERPLATE.
 - PRODUCT SPECIFICATION: PS-99020-0011
 - PACKAGING SPECIFICATION: FOR TAPE AND REEL SEE: PK-90816-006
FOR TUBE SEE: PK-90816-007
 - MATES WITH MOLEX 90327 PART SERIES.
 - ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF 0 - 0.10 MICROMETRE REF. FROM EACH OTHER.
 - 4 CIRCUIT PART NOT AVAILABLE IN TAPE AND REEL.
- LAST INSPECTION NUMBER USED: 20

90816 - ** **

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

0 = TIN VERSION
3 = 0.76µm GOLD PLATING

CIRCUIT SIZE.

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: CAD MIGRATION	
$\nabla/A = 0$	DIMENSION UNITS	SCALE	molex		
$\nabla/E = 0$	mm	5:1	PICOFLEX SMT LATCHED HEADER		
$\nabla/E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		PRODUCT CUSTOMER DRAWING		
$\nabla/E = 0$	ANGULAR TOL ± 2.0°		DOCUMENT NUMBER		
DIVISIONAL SYMBOLS		4 PLACES ±	EC NO: 738955	2023/02/02	
		3 PLACES ±	DRWN: GOWTHP	2023/02/16	
		2 PLACES ± 0.25	CHK'D: GOWTHP	2023/02/20	
		1 PLACE ± 0.35	APPR: ISHWARG		
		0 PLACES ±	INITIAL REVISION:		
			DRWN: DBYRNES	2008/08/16	
			APPR: EFOLAN	2010/11/04	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
			A3	90816	SEE CHART
					CUSTOMER
					GENERAL MARKET
					SHEET NUMBER
					1 OF 2



RESTRICTED AREA
NO PCB COMPONENTS
ALLOWED

CKT 2.

CKT 1.

2.54 PITCH.

$\phi 2.00$ REF. (x2)

REF. (x2)

(NON-PLATED THROUGH HOLE)

0.10 X REF.

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

CKT 2.

CKT 1.

2.54 PITCH.

2.00 TYP. REF.

PCB LAYOUT WITHOUT PCB PEGS

HEADER VERSIONS 90816-*3**/*5**

VIEWED FROM COMPONENT SIDE

6CKT PART SHOWN FOR REFERENCE

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90816-**24	24	36.26	29.21	33.06
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90816-**20	20	31.18	24.13	27.98
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90816-**04	4	10.86	3.81	7.66
PART NO.	NUMBER OF CKTS	DIM. E	DIM. F	DIM. G

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: CAD MIGRATION			
	DIMENSION UNITS: mm SCALE: 5:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 2.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.35 0 PLACES ±	EC NO: 738955 DRWN: GOWTHP CHK'D: GOWTHP APPR: ISHWARG INITIAL REVISION: DRWN: DBYRNES APPR: EFOLAN			
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 90816
	DOCUMENT NUMBER: SD-90816-001		DOC TYPE: PSD	DOC PART: 001	REVISION: G1
MATERIAL NUMBER: SEE SHEET 1		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 2 OF 2	