

- NOTES:
- 1) MATERIAL: HOUSING: NYLON (PA) GLASS FILLED, UL94 V-0, NATURAL (BEIGE)
TERMINAL - CARTRIDGE BRASS (0.28)/.011 REF THICK
 - 2) PLATING:
TIN: TIN (Sn) (3-5 MICROMETRE)/120-200 MICROINCH OVER (127 MICROMETRE)/50 MICROINCH MIN NICKEL(Ni).
GOLD: (.76 MICROMETRE)/30 MICROINCH SELECTIVE GOLD(Au) IN CONTACT AREA AND
SELECTIVE TIN(Sn) IN SOLDER TAIL AREA (3-5 MICROMETRE)/120-200 MICROINCH
OVER (127 MICROMETRE)/50 MICROINCH NICKEL(Ni) UNDERCOAT.
 - 3) MATES WITH MOLEX 90327 PART SERIES.
 - 4) ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF
(0.01)/.0 - (0.10)/.004 REF. FROM EACH OTHER.
 - 5) FOR TAPE AND REEL PACKAGING SEE SDA-90814-9001
 - 6) PCB PEGS ARE OPTIONAL.
 - 7) PCB LAYOUT SHOWN ON SHEET 2.
 - 8) PRODUCT SPECIFICATION: PS-99020-0011

90814 - **

CIRCUIT SIZE

	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIMN. E
0	YES	YES	NO	(6.40)/.252
2	YES	NO	YES	(6.40)/.252
3	NO	YES	NO	(6.40)/.252
5	NO	NO	YES	(6.40)/.252
6	NO	YES	NO	(4.10)/.161
7	NO	NO	YES	(4.10)/.161
8	YES	YES	NO	(4.10)/.161
9	YES	NO	YES	(4.10)/.161

0= (3-5UM)/120-200UM TIN VERSION
3= (0.76UM)/30UM GOLD VERSION

90814--34	34	(46.96)/.L849	(41.91)/.L650	(45.76)/.L802	10	NO
90814--26	26	(36.80)/.L449	(31.75)/.L250	(35.60)/.L402	14	YES
90814--24	24	(34.26)/.L349	(29.21)/.L150	(33.06)/.L302	15	YES
90814--22	22	(31.72)/.L249	(26.67)/.L050	(30.52)/.L202	16	YES
90814--20	20	(29.18)/.L149	(24.13)/.950	(27.98)/.L102	18	YES
90814--18	18	(26.64)/.L049	(21.59)/.850	(25.44)/.L002	20	YES
90814--16	16	(24.10)/.949	(19.05)/.750	(22.90)/.902	22	YES
90814--14	14	(21.56)/.849	(16.51)/.650	(20.36)/.802	25	YES
90814--12	12	(19.02)/.749	(13.97)/.550	(17.82)/.702	28	YES
90814--10	10	(16.48)/.649	(11.43)/.450	(15.28)/.602	32	YES
90814--08	8	(13.94)/.549	(8.89)/.350	(12.74)/.502	38	YES
90814--06	6	(11.40)/.449	(6.35)/.250	(10.20)/.402	46	YES
90814--04	4	(8.86)/.349	(3.81)/.150	(7.66)/.302	60	YES
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	QUANTITY OF PARTS PER TUBE (-+0**/-+3**/-+6** & --8** VERSIONS)	TOOLED

MODIFIED PLATING NOTE:
EC NO: E2011-0067
DRAWN BY: BYRNES
CHKD: CHAN
APPR: EFOLAN
REV

DESCRIPTION
2010/08/10
2010/11/04

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .004
2 PLACES ± 0.10 ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°

DIMENSION STYLE
MM/IN

DRAWN BY: JMCNAR
DATE: 2001/08/16
CHECKED BY: PCURTIN
DATE: 2001/08/16
APPROVED BY: EFOLAN
DATE: 2010/11/04
MATERIAL NO.
DOCUMENT NO.
SDA-90814

SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

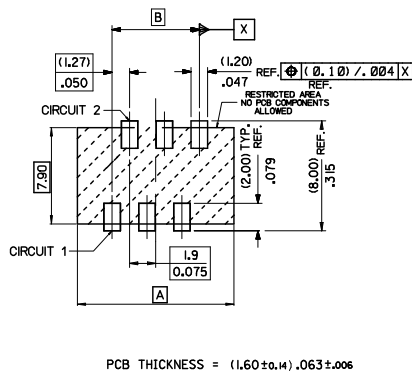
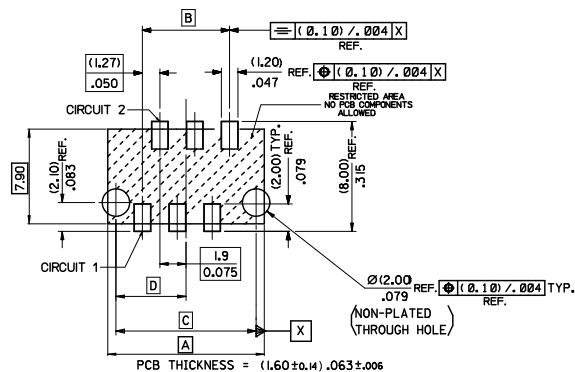
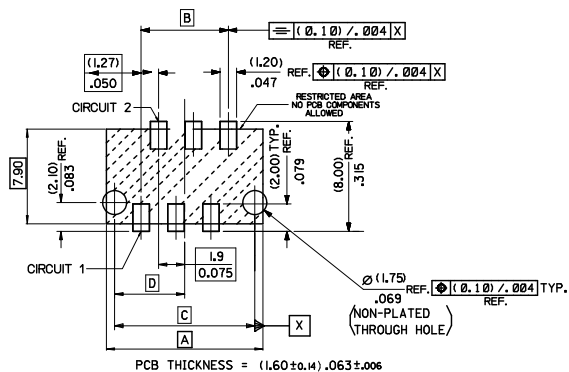
PICOFLEX SMT HEADER
MOLEX INCORPORATED
SHEET NO. 1 OF 2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SEE CHART

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90814--**34	34	(46.96)/.1849	(41.91)/.1650	(45.76)/.1802	(22.88)/.901
90814--**26	26	(34.26)/.1449	(31.75)/.1250	(35.60)/.1402	(17.80)/.701
90814--**24	24	(34.26)/.1349	(29.21)/.1150	(33.06)/.1302	(16.53)/.651
90814--**22	22	(31.72)/.1249	(26.67)/.1050	(30.52)/.1202	(15.26)/.601
90814--**20	20	(29.18)/.1149	(24.13)/.950	(27.98)/.1102	(13.99)/.551
90814--**18	18	(26.64)/.1049	(21.59)/.850	(25.44)/.1002	(12.72)/.501
90814--**16	16	(24.10)/.949	(19.05)/.750	(22.90)/.902	(11.45)/.451
90814--**14	14	(21.56)/.849	(16.51)/.650	(20.36)/.802	(10.18)/.401
90814--**12	12	(19.02)/.749	(13.97)/.550	(17.82)/.702	(8.91)/.351
90814--**10	10	(16.48)/.649	(11.43)/.450	(15.28)/.602	(7.64)/.301
90814--**08	8	(13.94)/.549	(8.89)/.350	(12.74)/.502	(6.37)/.251
90814--**06	6	(11.40)/.449	(6.35)/.250	(10.20)/.402	(5.10)/.201
90814--**04	4	(8.86)/.349	(3.81)/.150	(7.66)/.302	(3.83)/.151
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	DIMN. D

PCB DWS CHANGED TO REF. EC NO: E2071-0067 DRAWING BY: JMM CHKD: APPRETFOLAN REV	2010/08/12	2010/11/04	QUALITY SYMBOL ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 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
	DESCRIPTION			DRAWN BY 2001/08/23	TITLE PICOFLEX SMT HEADER			
				CHECKED BY 2001/08/23				
				BMAGUIRE 2001/08/23				
				APPROVED BY 2010/11/04	MOLEX	MOLEX INCORPORATED		
				MATERIAL NO.	DOCUMENT NO.	SDA-90814		SHEET NO. 2 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART SIZE A THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				