

- NOTES:
- MATERIAL: HOUSING: NYLON (PA) GLASS FILLED, UL94 V-0, NATURAL (BEIGE)
TERMINAL - CARTRIDGE BRASS (0.28)/.011 REF THICK
 - PLATING:
TIN: TIN (Sn) (3-5 MICROMETRE)/120-200 MICROINCH OVER (1.27 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 (1.27 MICROMETRE)/50 MICROINCH NICKEL(Ni) UNDERCOAT.
 - MATES WITH MOLEX 90327 PART SERIES.
 - ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF
(0.01)/.0 - (0.10)/.004 REF. FROM EACH OTHER.
 - FOR TAPE AND REEL PACKAGING SEE SDA-90814-9001
 - PCB PEGS ARE OPTIONAL.
 - PCB LAYOUT SHOWN ON SHEET 2.
 - PRODUCT SPECIFICATION: PS-99020-0011

90814 - **

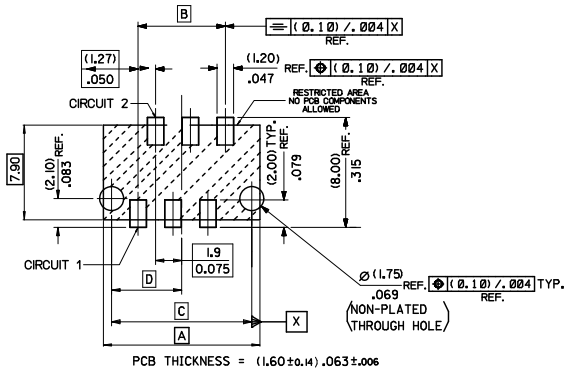
CIRCUIT SIZE

	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

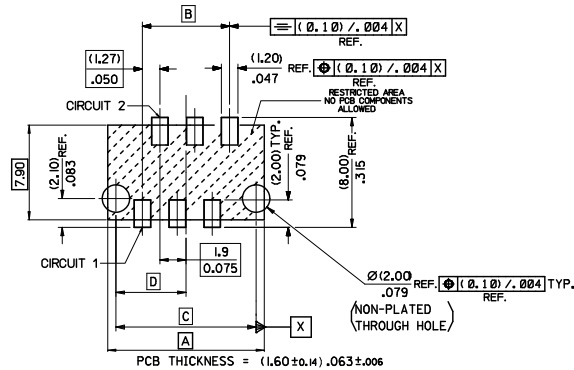
0= (3-5UM)/120-200UIN TIN VERSION
3= (0.76UM)/30UIN GOLD VERSION

PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	QUANTITY OF PARTS PER TUBE (-#0**/-#3**/-#6** & -#8** VERSIONS)	TOOLED
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

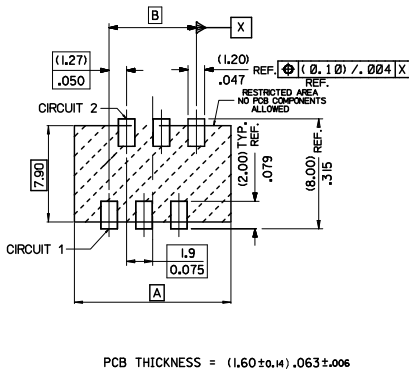
MODIFIED PLATING NOTE: EC NO: E2011-0067 DRAWN BY: VIKAS CHKD: DRWBYRINES APPR: EFCOLAN REV: 2010/08/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .004 2 PLACES ± 0.10 ± --- 1 PLACE ± --- ± ---		DRAWN BY DATE DMCNAMAR 2001/08/16		CHECKED BY DATE PCURTIN 2001/08/16		APPROVED BY DATE EFCOLAN 2010/11/04	
		ANGULAR ±1/2°		MATERIAL NO. SEE CHART		DOCUMENT NO. SDA-90814		SHEET NO. 1 OF 2	
		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					



PCB LAYOUT FOR TRANSITION FIT WITH PCB PEGS
 HEADER VERSIONS 90814-0**/-**2**/-**8**/-**9**,
 VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR CLEARANCE FIT WITH PCB PEGS
 HEADER VERSIONS 90814-0**/-**2**/-**8**/-**9**,
 VIEWED FROM COMPONENT SIDE



PCB LAYOUT FOR HEADERS WITHOUT PCB PEGS
 HEADER VERSIONS 90814-3**/-**5**/-**6**/-**7**,
 VIEWED FROM COMPONENT SIDE

PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	DIMN. D
90814-34	34	(46.96)/1.849	(41.91)/1.650	(45.76)/1.802	(22.88)/.901
90814-26	26	(36.80)/1.449	(31.75)/1.250	(35.60)/1.402	(17.80)/.701
90814-24	24	(34.26)/1.349	(29.21)/1.150	(33.06)/1.302	(16.53)/.651
90814-22	22	(31.72)/1.249	(26.67)/1.050	(30.52)/1.202	(15.26)/.601
90814-20	20	(29.18)/1.149	(24.13)/.950	(27.98)/1.102	(13.99)/.551
90814-18	18	(26.64)/1.049	(21.59)/.850	(25.44)/1.002	(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

PCB DIMS CHANGED TO REF E.C. NO. E2011-0067 2010/08/12 CHKD: DRWBYBYNES APPR: EFOLAN 2010/11/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	MM ONLY	5:1	METRIC	THIRD ANGLE PROJECTION
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: JMCNAMAR DATE: 2001/08/23 CHECKED BY: BMAGUIRE DATE: 2001/08/23 APPROVED BY: EFOLAN DATE: 2010/11/04	TITLE	PICOFLEX SMT HEADER		
	SEE CHART	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED		