

CIRCUIT SIZE

	PCB PEGS	TUBE PACKED	TAPE & REEL PACKED	POLARIZING PEG HEIGHT DIM. 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)/1.849	(41.91)/1.650	(45.76)/1.802	10	NO
90814-##26	26	(36.80)/1.449	(31.75)/1.250	(35.60)/1.402	14	YES
90814-##24	24	(34.26)/1.349	(29.21)/1.150	(33.06)/1.302	15	YES
90814-##22	22	(31.72)/1.249	(26.67)/1.050	(30.52)/1.202	16	YES
90814-##20	20	(29.18)/1.149	(24.13)/ .950	(27.98)/1.102	18	YES
90814-##18	18	(26.64)/1.049	(21.59)/ .850	(25.44)/1.002	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

- NOTES:
- MATERIAL: HOUSING: NYLON 4/6 30% G.F., UL 94 V-0, NATURAL (BEIGE)  
 TERMINAL- CARTRIDGE BRASS (0.28)/0.11 REF THICK
  - PLATING:  
 TIN: TIN (3-5UM)/120um-200um OVER (1.27um)/5um MIN NICKEL.  
 GOLD: (0.76UM)/30UM SELECTIVE GOLD AND (0.10-0.20UM)/4UM-8UM GOLD FLASH OVER (1.27UM)/50UM NICKEL UNDERCOAT
  - MATES WITH MOLEX 90327 PART SERIES
  - ALL SMT TAILS TO LIE WITHIN A COPLANARITY BAND OF (0.0)/.0 - (0.10)/.004 REF. FROM EACH OTHER.
  - FOR TAPE & REEL PACKAGING DETAILS SEE SDA-90814-9001
  - PCB PEGS ARE OPTIONAL
  - PCB LAYOUT SHOWN ON SHEET 2

REDUCED CO-PL TOL  
 EC NO: E2007-0304  
 DRAWN: IDENEHY 2006/11/07  
 CHKD: DMORLARTY 2006/11/07  
 APPR: IDENEHY 2006/11/13

QUALITY SYMBOLS  
 ▽=0  
 ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES ±	---	---
3 PLACES ±	---	±.004
2 PLACES ±	0.10	---
1 PLACE ±	---	---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SIZE A2

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION STYLE: MM/IN  
 SCALE: 5:1  
 DESIGN UNITS: METRIC  
 THIRD ANGLE PROJECTION

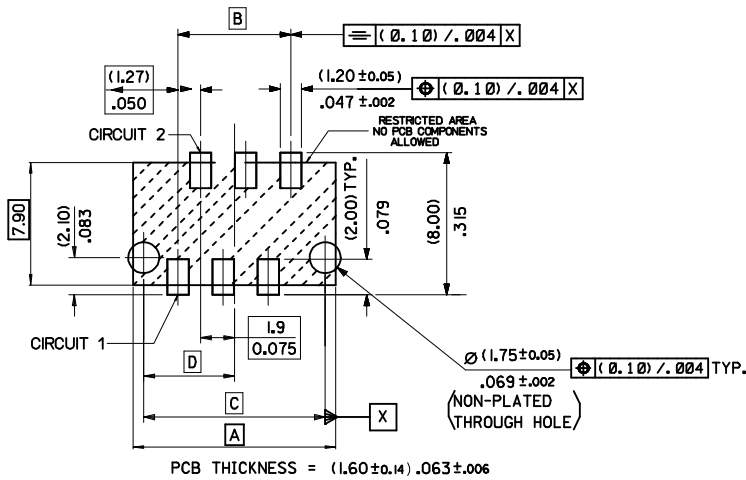
DRAWN BY: DMCNAMAR DATE: 2001/08/16  
 CHECKED BY: PCURTIN DATE: 2001/08/16  
 APPROVED BY: MWILHITE DATE: 2001/08/16

MATERIAL NO.:  
 DOCUMENT NO.: SDA-90814

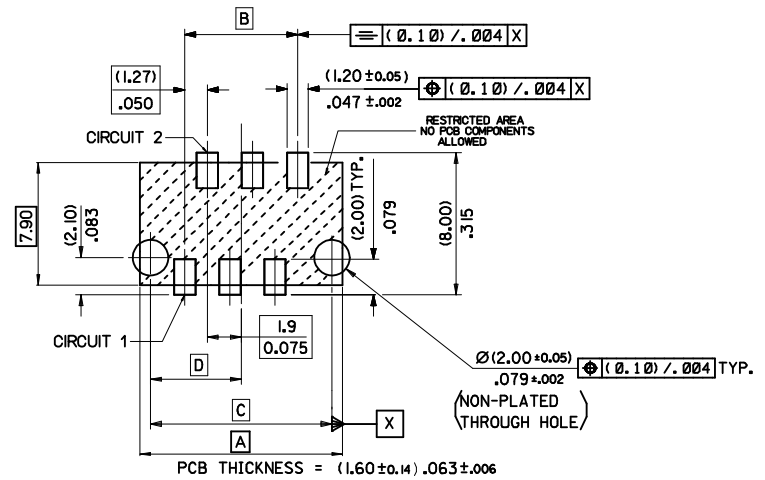
PICOFLEX SMT HEADER

MOLEX INCORPORATED

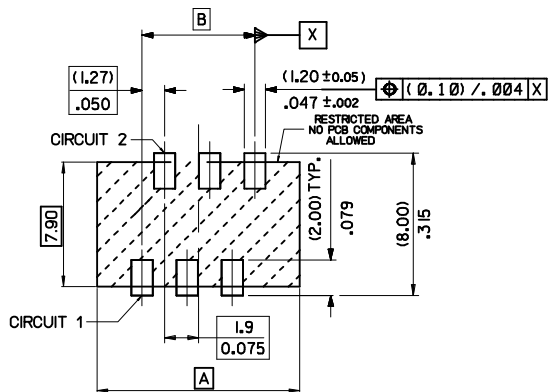
SHEET NO. 1 OF 2



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 THICKNESS = (1.60±0.14) .063±.006

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

90814-0034	34	(46.96)/1.849	(41.91)/1.650	(45.76)/1.802	(22.88)/.901
90814-0026	26	(36.80)/1.449	(31.75)/1.250	(35.60)/1.402	(17.80)/.701
90814-0024	24	(34.26)/1.349	(29.21)/1.150	(33.06)/1.302	(16.53)/.651
90814-0022	22	(31.72)/1.249	(26.67)/1.050	(30.52)/1.202	(15.26)/.601
90814-0020	20	(29.18)/1.149	(24.13)/.950	(27.98)/1.102	(13.99)/.551
90814-0018	18	(26.64)/1.049	(21.59)/.850	(25.44)/1.002	(12.72)/.501
90814-0016	16	(24.10)/.949	(19.05)/.750	(22.90)/.902	(11.45)/.451
90814-0014	14	(21.56)/.849	(16.51)/.650	(20.36)/.802	(10.18)/.401
90814-0012	12	(19.02)/.749	(13.97)/.550	(17.82)/.702	(8.91)/.351
90814-0010	10	(16.48)/.649	(11.43)/.450	(15.28)/.602	(7.64)/.301
90814-0008	8	(13.94)/.549	(8.89)/.350	(12.74)/.502	(6.37)/.251
90814-0006	6	(11.40)/.449	(6.35)/.250	(10.20)/.402	(5.10)/.201
90814-0004	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

ADDED PART FOOTPRINT EC NO: E2009-0235 DRAWN:BYRNES 2008/11/07 CHKD: 2008/11/10 APPR: WALLACE 2008/11/10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 1/2°	mm INCH	DRAWN BY DMCNAMAR	DATE 2001/08/23	TITLE PICOFLEX SMT HEADER	MATERIAL NO. DOCUMENT NO.
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	APPROVED BY BMAGUIRE	DATE 2001/08/23	MOLEX INCORPORATED		
SIZE A 2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SDA-90814		SHEET NO. 2 OF 2