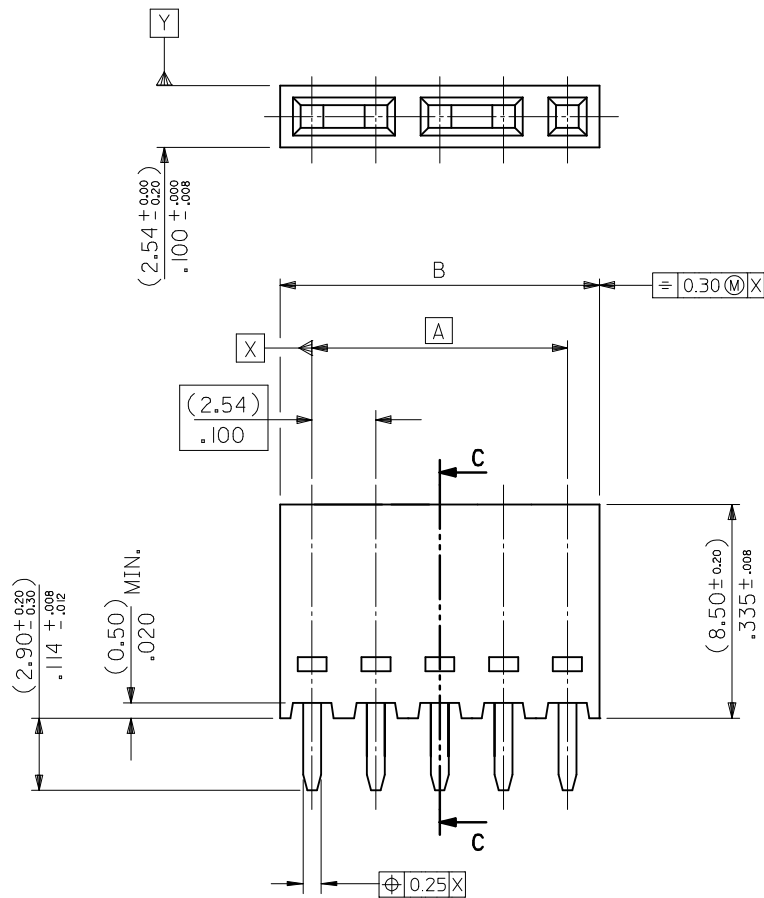
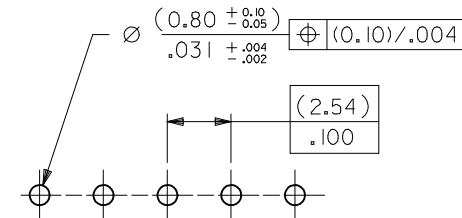


SECTION C-C SHOWING
STRAIGHT PINS.



RECOMMENDED P.C. BOARD
HOLE PATTERN
FOR STRAIGHT PINS.

NOTES:

- 1) CONTACT-PLATED PHOSPHOR BRONZE.
- 2) HOUSING-15% GLASS FILLED POLYESTER.
COLOUR: BLACK.
- 3) FOR (0.635)/.025 SQ. MALE PINS THE LENGTH
MUST BE (5.65)/.222 MIN & (7.00)/.276 MAX. TO
ENSURE GOOD CONNECTION WITH CONTACT.
- 4) PRODUCT SPECIFICATION: PS-99020-0001.
- 5) PCB THICKNESS 1.6MM

UPDATE FEATURE CONTROL		2013/05/09 2013/05/16		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
FRAME		2013/05/09 2013/05/16						MM/IN		NTS	METRIC		
REV		2013/05/09 2013/05/16											
AD		2013/05/09 2013/05/16											

F

E

D

C

B

A

F

E

D

C

B

A

PART NO'S - STRAIGHT PINS		NO.OF CKTS	DIM." A"	DIM." B" (+0.00) ⁰ -0.002	QTY. PER TUBE
STANDARD	CUSTOMER SPECIFIC				
90147-1X02	—↑—	2	(2.54) .100	(5.08) .200	105
↑ 03	↑↓	3	(5.08) .200	(7.62) .300	72
04	—↓—	4	(7.62) .300	(10.16) .400	52
05	90147-9105	5	(10.16) .400	(12.70) .500	44
06	—↑—	6	(12.70) .500	(15.24) .600	36
07	↑	7	(15.24) .600	(17.78) .700	30
08		8	(17.78) .700	(20.32) .800	26
09		9	(20.32) .800	(22.86) .900	22
10		10	(22.86) .900	(25.40) 1.000	22
11		11	(25.40) 1.000	(27.94) 1.100	20
12		12	(27.94) 1.100	(30.48) 1.200	18
13		13	(30.48) 1.200	(33.02) 1.300	16
14		14	(33.02) 1.300	(35.56) 1.400	14
15		15	(35.56) 1.400	(38.10) 1.500	14
16		16	(38.10) 1.500	(40.64) 1.600	13
17		17	(40.64) 1.600	(43.18) 1.700	13
18		18	(43.18) 1.700	(45.72) 1.800	12
19		19	(45.72) 1.800	(48.26) 1.900	12
20		20	(48.26) 1.900	(50.80) 2.000	11
21		21	(50.80) 2.000	(53.34) 2.100	11
22		22	(53.34) 2.100	(55.88) 2.200	10
23		23	(55.88) 2.200	(58.42) 2.300	9
24		24	(58.42) 2.300	(60.96) 2.400	9
25		25	(60.96) 2.400	(63.50) 2.500	8
26		26	(63.50) 2.500	(66.04) 2.600	8
27		27	(66.04) 2.600	(68.58) 2.700	8
28		28	(68.58) 2.700	(71.12) 2.800	7
29		29	(71.12) 2.800	(73.66) 2.900	7
30		30	(73.66) 2.900	(76.20) 3.000	7
↓ 31	↓	31	(76.20) 3.000	(78.74) 3.100	7
90147-1X32	—↓—	32	(78.74) 3.100	(81.28) 3.200	6

PLATING VERSION A

PRE-PLATED HOT DIP TIN

1.0 TO 2.5 μm (.000040" TO .000100").

PLATING VERSION E

1.27 TO 1.78 μm (.000050" TO .000070") NICKEL
 OVERALL, 0.38 TO 0.64 μm (.000015" TO .000025")
 GOLD ON CONTACT AREA (OVER NICKEL).
 3 TO 5 μm (.000120" TO .000200") TIN
 ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION F.

1.27 TO 1.78 μm (.000050" TO .000070") NICKEL
 OVERALL, 0.76 TO 1.0 μm (.000030" TO .000040")
 GOLD ON CONTACT AREA (OVER NICKEL).
 3 TO 5 μm (.000120" TO .000200") TIN
 ON SOLDER TAILS (OVER NICKEL).

90147-XXYY

INDICATES NO. OF CIRCUITS.

PLATING CODE.

{ 1 = VERSION A.
 2 = VERSION E.
 3 = VERSION F.

SEE CHART.

STANDARD PRODUCTS

UPDATE REVISION EC NO: S2013-0792 DRAWN:ATSEE 2013/05/13 CHKD:SKANG 2013/05/15 APPR:MLONG 2013/05/16 AC	DESCRIPTION REV	QUALITY SYMBOLS F _A =0 F _G =0 F _P =0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE C-GRID III SINGLE ROW VERTICAL P.C. BOARD CONNECTOR molex SDA-90147 SHEET NO. 1 OF 1
				mm	INCH	DRAWN BY DB	DATE 1986/12/28				
			4 PLACES	± ---	± ---	CHECKED BY JDENNEHY	DATE 2005/07/07				
			3 PLACES	± ---	± ---	APPROVED BY JDENNEHY	DATE 2005/07/07				
			2 PLACES	± ---	± ---	MATERIAL NO.		DOCUMENT NO.			
			1 PLACE	± ---	± ---	SEE TABLE					
			0 PLACE	±	±	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			ANGULAR ± 2 °								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								