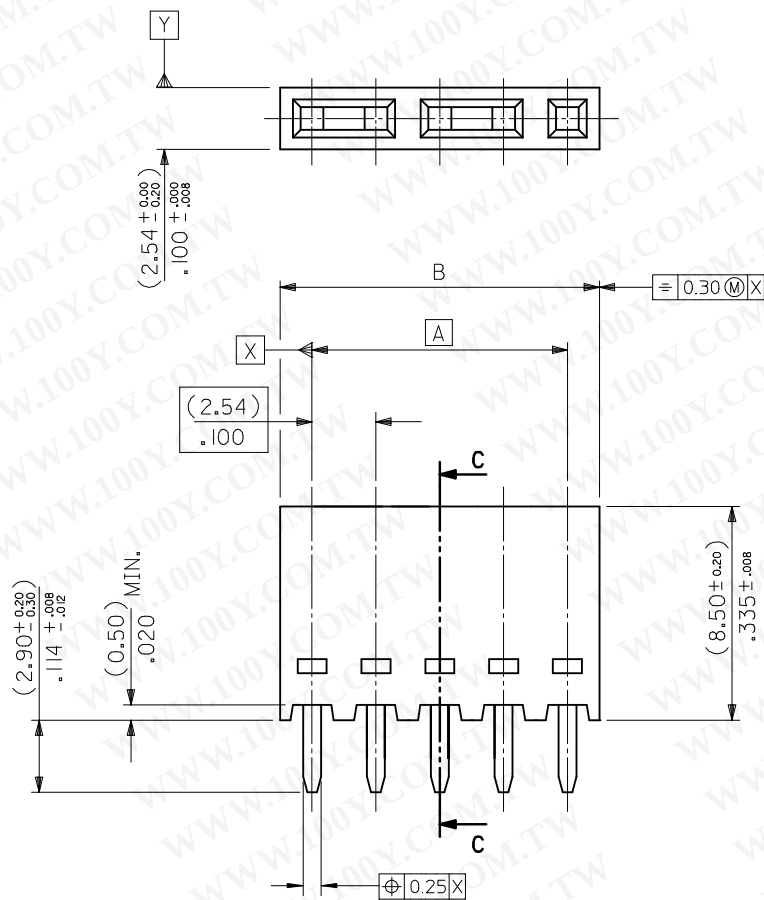


RECOMMENDED P.C. BOARD
HOLE PATTERN
FOR STRAIGHT PINS.

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

SECTION C-C SHOWING
STRAIGHT PINS.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

UPDATE FEATURE CONTROL		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
FRAME NO: S2013-0792		DESCRIPTION		mm		INCH		MM/IN		NTS		METRIC	
2013/05/09		2013/05/15		2013/05/16		DRAWN BY		DATE		TITLE		C-GRID III, SINGLE ROW	
2013/05/15		2013/05/16		2013/05/16		DB		1987/07/14		VERTICAL P.C. BOARD		CONNECTOR ASSEMBLY.	
CHKD:SKANG		APPR:MLONG		3 PLACES		± --- ± ---		CHECKED BY		DATE		molex	
AD		REV		2 PLACES		± --- ± ---		JDENNEHY		2005/07/07			
				1 PLACE		± --- ± ---		APPROVED BY		DATE			
				0 PLACE		± ±		JDENNEHY		2005/07/07			
				ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		1 OF 1	
				DRAFT WHERE APPLICABLE		SEE TABLE		SDA-90147					
				MUST REMAIN WITHIN DIMENSIONS		SIZE A 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

10	9	8	7	6	5	4	3	2	1
PART NO'S - STRAIGHT PINS		NO. OF CKTS	DIM. "A"	DIM. "B" (+0.00) ⁰ -0.012	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 μ m (.000040" TO .000100").

PLATING VERSION E

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

PLATING VERSION F.

1.27 TO 1.78 μ m (.000050" TO .000070") NICKEL
OVERALL, 0.76 TO 1.0 μ m (.000030" TO .000040")
GOLD ON CONTACT AREA (OVER NICKEL).
3 TO 5 μ m (.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.

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STANDARD PRODUCTS

UPDATE REVISION
EC NO: S2013-0792
DRAWN AT SEE
CHKD: SKANG
APPR: MLONG
2013/05/13
2013/05/15
2013/05/16

QUALITY
SYMBOLS
 $F_A=0$
 $F_G=0$
 $F_P=0$

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm$ ---	$\pm$ ---
3 PLACES	$\pm$ ---	$\pm$ ---
2 PLACES	$\pm$ ---	$\pm$ ---
1 PLACE	$\pm$ ---	$\pm$ ---
0 PLACE	$\pm$	$\pm$

ANGULAR $\pm 2^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM/IN

DRAWN BY	DATE
DB	1986/12/28
CHECKED BY	DATE
JDENNEHY	2005/07/07
APPROVED BY	DATE
JDENNEHY	2005/07/07

SEE TABLE

SIZE
A3

SCALE
NTS

TITLE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

C-GRID III SINGLE ROW
VERTICAL P.C. BOARD
CONNECTOR

molex

DOCUMENT NO.

SDA-90147

SHEET NO.
1 OF 1