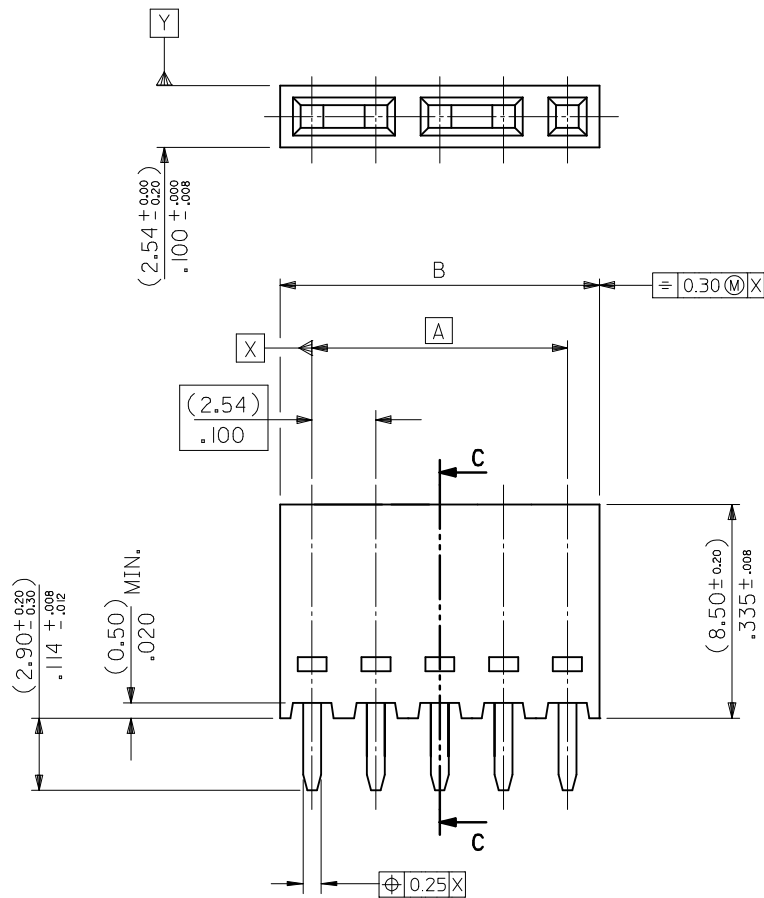
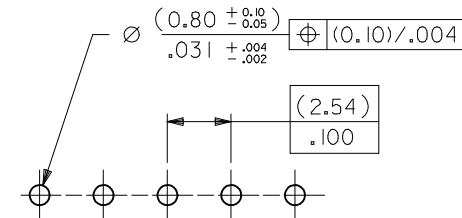


SECTION C-C SHOWING
STRAIGHT PINS.



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				QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
FRAME								MM/IN		NTS	METRIC		
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A

PART NO'S - STRAIGHT PINS		NO. OF CKTS	DIM. "A"	DIM. "B" (± 0.00) ± 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 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.

STANDARD PRODUCTS

UPDATE REVISION
EC NO: S2013-0792
DRAWN BY: CHYD-SKANG
2013/05/13
2013/05/15
APPR: MLONG
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

MATERIAL NO.
SEE TABLE

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE C-GRID III SINGLE ROW VERTICAL P.C. BOARD CONNECTOR		
DOCUMENT NO. SDA-90147		
SHEET NO. 1 OF 1		

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