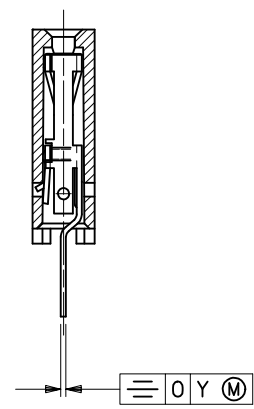


RECOMMENDED P.C. BOARD HOLE PATTERN FOR STRAIGHT PINS.



SECTION C-C SHOWING 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

ADDED GATE AREA EC NO: E2009-0250 DRWN: BMAGUIRE CHKD: APPR: BMAGUIRE	DESCRIPTION 2008/12/08 2008/12/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla = 0$ $\text{C} = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ± 2 °	MM/IN	1:1	METRIC	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: DB DATE: 1987/07/14 CHECKED BY: JDENNEHY DATE: 2005/07/07 APPROVED BY: JDENNEHY DATE: 2005/07/07	TITLE	C-GRID III, SINGLE ROW VERTICAL P.C. BOARD CONNECTOR ASSEMBLY.		
		SIZE: A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	MATERIAL NO.: SEE SHEET 2 DOCUMENT NO.: SDA-90147 SHEET NO.: 1 OF 2	MOLEX INCORPORATED			

PART NO'S - STRAIGHT PINS		NO. OF CKTS	DIM. " A"	DIM. " B" (+0.00) (-0.30) ± .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	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
↓	90147-1X 32	32	(78.74) 3.100	(81.28) 3.200	6

PLATING VERSION A

PRE-PLATED HOT DIP TIN
1.0 TO 2.5 um (.000040" TO .000100").

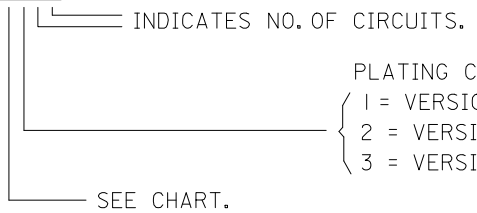
PLATING VERSION E

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

PLATING VERSION F.

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

90147-XXYY



PLATING CODE.
1 = VERSION A.
2 = VERSION E.
3 = VERSION F.

STANDARD PRODUCTS

REMOVE PLATING OPTION 4 AS PER GCN#10502698 EC NO: S2012-0718 DRINKATSEE 2012/03/20 CHYKJ-SKANG 2012/04/09 APPR:MLONG 2012/04/09	QUALITY SYMBOLS ▽=0 ◻=0
DESCRIPTION	REV
AB	

GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
mm INCH	DRAWN BY DB	DATE 1986/12/28	TITLE C-GRID III SINGLE ROW VERTICAL P.C. BOARD CONNECTOR	
4 PLACES ± --- ± ---	CHECKED BY JDENNEHY	DATE 2005/07/07	MOLEX INCORPORATED	
3 PLACES ± --- ± ---	APPROVED BY JDENNEHY	DATE 2005/07/07	MATERIAL NO.	DOCUMENT NO.
2 PLACES ± --- ± ---	ANGULAR ± 2 °		SEE TABLE	SDA-90147
1 PLACE ± --- ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	SHEET NO. 2 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				