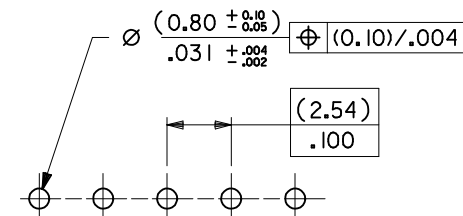
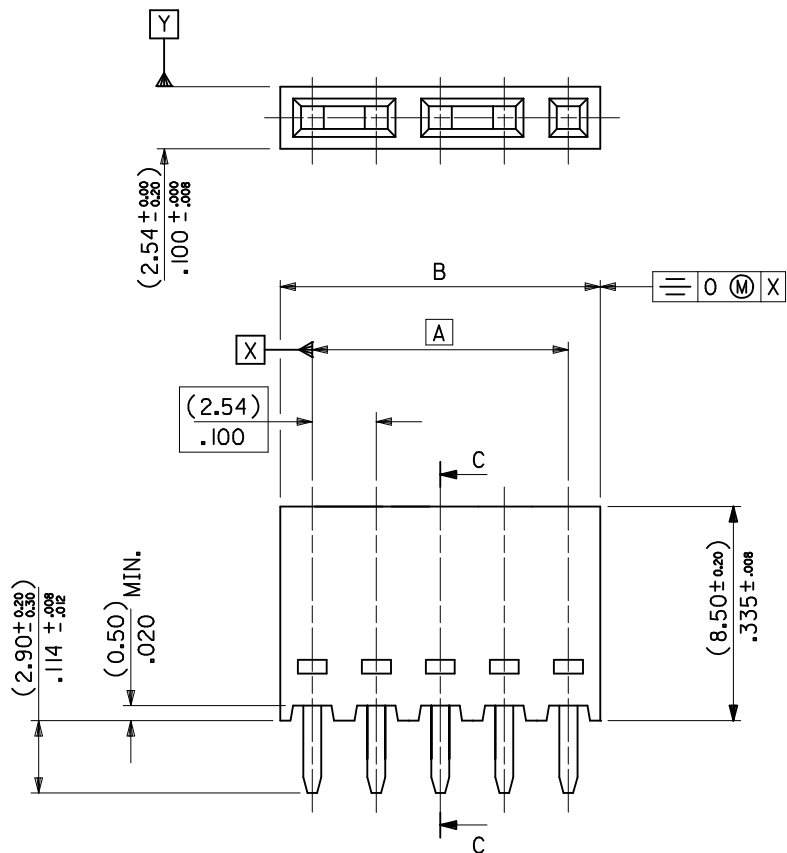
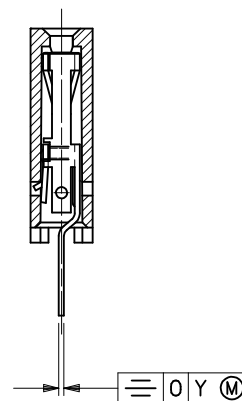


10 9 8 7 6 5 4 3 2 1



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

9 8 7 6 5 4 3 2 1

	10	9	8	7	6	5	4	3	2	1		
F	PART NO'S - STRAIGHT PINS		NO.OF CKTS	DIM." A"	DIM." B" (± 0.00) ± 0.02	QTY. PER TUBE	PLATING VERSION A					
	STANDARD	CUSTOMER SPECIFIC					PRE-PLATED HOT DIP TIN 1.0 TO 2.5 μ m (.000040" TO .000100").					
	90147-1X02		2	(2.54) .100	(5.08) .200	105	PLATING VERSION E					
	03		3	(5.08) .200	(7.62) .300	72	1.27 TO 1.78 μ m (.000050" TO .000070") NICKEL					
	04		4	(7.62) .300	(10.16) .400	52	OVERALL, 0.38 TO 0.64 μ m (.000015" TO .000025")					
	05	90147-9105	5	(10.16) .400	(12.70) .500	44	GOLD ON CONTACT AREA (OVER NICKEL).					
	06		6	(12.70) .500	(15.24) .600	36	3 TO 5 μ m (.000120" TO .000200") TIN					
	07		7	(15.24) .600	(17.78) .700	30	ON SOLDER TAILS (OVER NICKEL).					
	08		8	(17.78) .700	(20.32) .800	26	PLATING VERSION F.					
	09		9	(20.32) .800	(22.86) .900	22	1.27 TO 1.78 μ m (.000050" TO .000070") NICKEL					
	10		10	(22.86) .900	(25.40) 1.000	22	OVERALL, 0.76 TO 1.0 μ m (.000030" TO .000040")					
	11		11	(25.40) 1.000	(27.94) 1.100	20	GOLD ON CONTACT AREA (OVER NICKEL).					
	12		12	(27.94) 1.100	(30.48) 1.200	18	3 TO 5 μ m (.000120" TO .000200") TIN					
	13		13	(30.48) 1.200	(33.02) 1.300	16	ON SOLDER TAILS (OVER NICKEL).					
	14		14	(33.02) 1.300	(35.56) 1.400	14	PLATING VERSION N.					
	15		15	(35.56) 1.400	(38.10) 1.500	14	1.27 TO 1.78 μ m (.000050" TO .000070") NICKEL					
	16		16	(38.10) 1.500	(40.64) 1.600	13	OVERALL, 0.76 TO 2.6 μ m (.000030" TO .000100")					
	17		17	(40.64) 1.600	(43.18) 1.700	13	GOLD ON CONTACT AREA (OVER NICKEL).					
	18		18	(43.18) 1.700	(45.72) 1.800	12	4 μ m (.000120") MINIMUM TIN					
	19		19	(45.72) 1.800	(48.26) 1.900	12	ON SOLDER TAILS (OVER NICKEL).					
	20		20	(48.26) 1.900	(50.80) 2.000	11	PLATING CODE.					
	21		21	(50.80) 2.000	(53.34) 2.100	11	1 = VERSION A.					
	22		22	(53.34) 2.100	(55.88) 2.200	10	2 = VERSION E.					
	23		23	(55.88) 2.200	(58.42) 2.300	9	3 = VERSION F.					
	24		24	(58.42) 2.300	(60.96) 2.400	9	4 = VERSION N.					
	25		25	(60.96) 2.400	(63.50) 2.500	8	SEE CHART.					
	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						
B												
A	STANDARD PRODUCTS											
	REMOVE KINK OPT EC NO: E2007-0787 DRAWN: WASZKIEWICZ 2007/04/25 CHKD: JMW/ARTY 2007/04/25 APPR: JDENNEHY 2007/04/27 AA											
QUALITY SYMBOLS =0 =0						GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						4 PLACES		DRAWN BY DB		DATE 1986/12/28		
						3 PLACES		CHECKED BY JDENNEHY		DATE 2005/07/07		
						2 PLACES		APPROVED BY JDENNEHY		DATE 2005/07/07		
						1 PLACE		MATERIAL NO.		DOCUMENT NO. SDA-90147		
						ANGULAR $\pm 2^\circ$		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
						SEE CHART				SHEET NO. 2 OF 2		

STANDARD PRODUCTS

REMOVE KINK OPT EC NO: E2007-0787 DRWN:DMASZK/EMI C7 2007/04/25 CHKD:DMOR/ARTY 2007/04/25 APPR: JDENNEHY 2007/04/27 AA	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	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								
			3 PLACES	± ---	± ---	APPROVED BY JDENNEHY		DATE 2005/07/07		MOLEX MOLEX INCORPORATED					
			2 PLACES	± ---	± ---										
			1 PLACE	± ---	± ---	DOCUMENT NO. SDA-90147									
			ANGULAR ± 2 °												SHEET NO. 2 OF 2
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
						SEE CHART									
			SIZE A3												
REV															