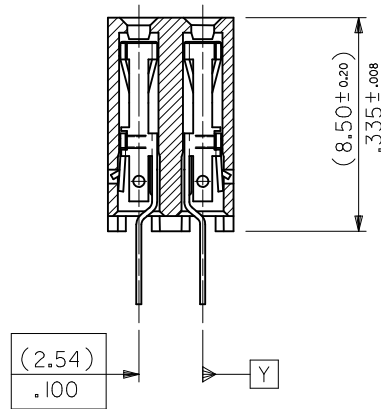
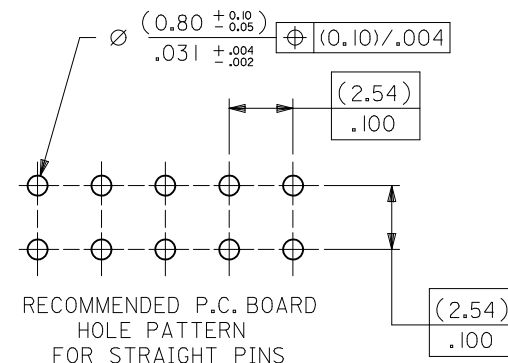
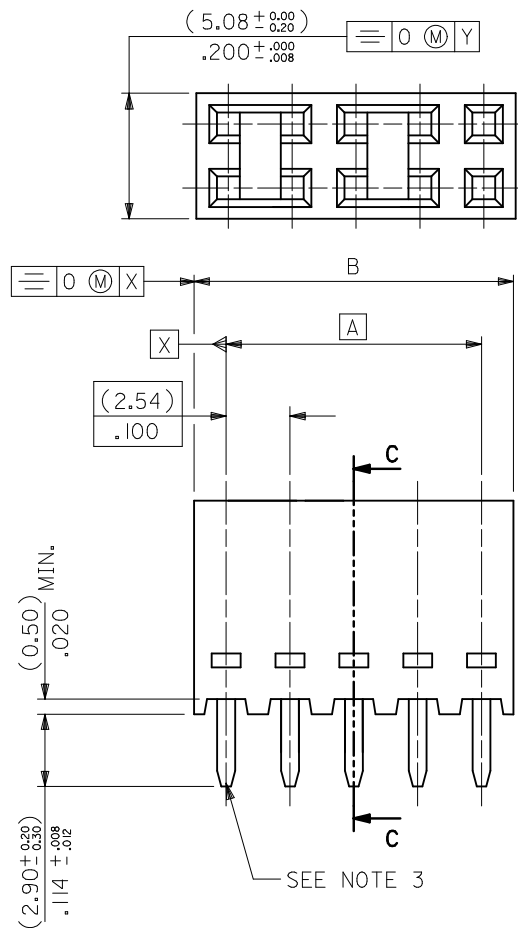


10 9 8 7 6 5 4 3 2 1

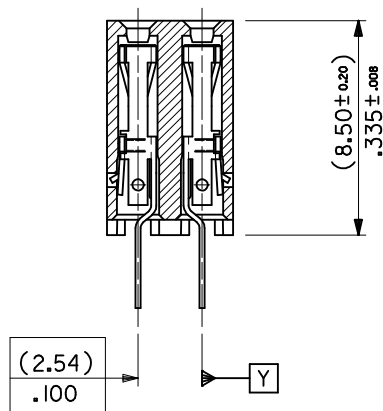
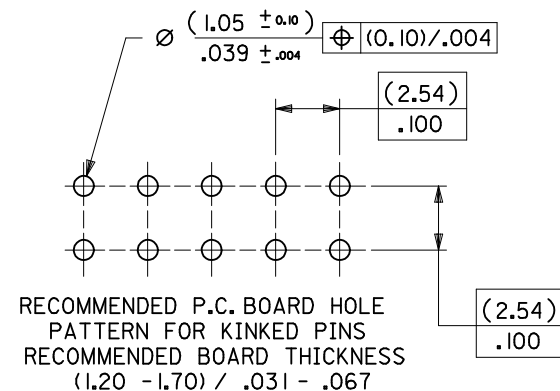
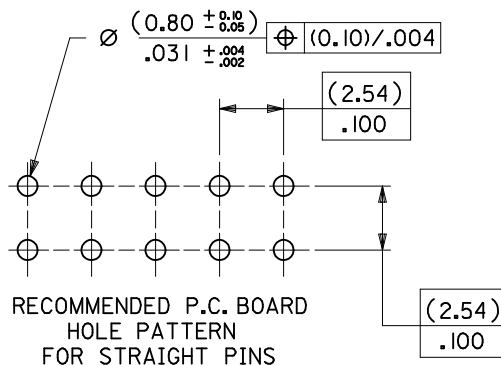
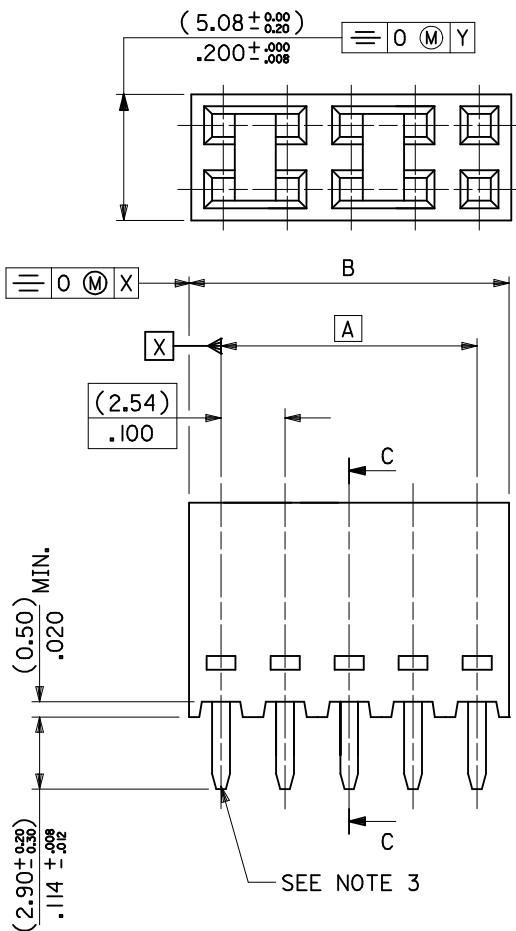


SECTION C-C

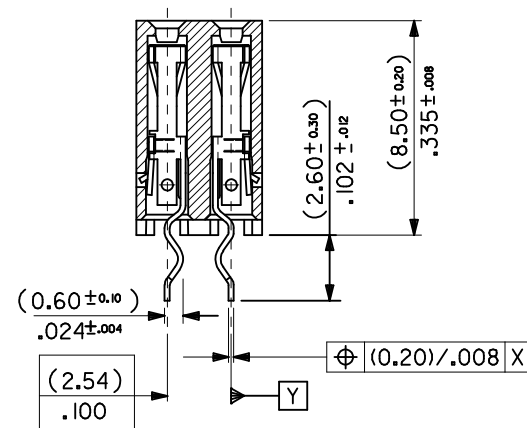
- NOTES :
1. CONTACT-PLATED PHOSPHOR BRONZE.
 2. HOUSING : 15% GLASS-FILLED POLYESTER, COLOUR BLACK.
 3. COMPATIBLE WITH PCB HOLE PATTERN.
 4. FOR (0.635)/ .025 SQ. PINS THE LENGTH MUST BE (5.65)/ .222 MIN & (7.00)/ .276 MAX. TO ENSURE GOOD CONNECTION WITH CONTACT.

UPDATE AS PER GCNS EC NO: S2012-0542 DRWN:ATSEE CHKD:SKANG APPR:MLONG 2012/01/13 2012/02/06 2012/02/24	QUALITY SYMBOLS F=0 G=0 H=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
AI	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MOLEX INCORPORATED		SD-90151-001	
		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 2		1 OF 2	
		MATERIAL NO.		DATE		DATE		DATE	
		DATE		DATE		DATE		DATE	

9 8 7 6 5 4 3 2 1



SECTION C-C



SECTION C-C

NOTES

- 1) CONTACT-PLATED PHOSPHOR BRONZE.
- 2) HOUSING-15% GLASS FILLED POLYESTER.
COLOUR-BLACK.
- 3) COMPATIBLE WITH PCB HOLE PATTERN.
- 4) 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.

ADD INSET FOR GATE
EC NO: E2009-0250 2008/12/08
DRWN:BMAGUIRE 2008/12/08
CHKD: 2008/12/08
APPR:BMAGUIRE 2008/12/08
AH

QUALITY
SYMBOLS
▽=0
C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.05	± ---
1 PLACE	± 0.10	± ---
ANGULAR ± ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
DB	21/07/86
CHECKED BY	DATE
APPROVED BY	DATE
MATERIAL NO.	SEE CHART
SIZE	A3

SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
TITLE C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR		
 MOLEX INCORPORATED		
DOCUMENT NO. SDA-90151		SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

6	AF
5	AD
4	AD
3	AD
2	AG
1	AH

PART NO.	SEE CHART
DWG. NO.	SDA-90151

PART NO. STRAIGHT PINS	PART NO. KINKED PINS	NO.OF CKTS.	DIM." A"	DIM." B" (^{+0.00} _{-0.30})(^{+0.000} _{-0.012})	QTY. PER TUBE
90151-2X04	90151-3X04	4	(2.54) .100	(5.08) .200	105
▲ ▲ 06	▲ ▲ 06	6	(5.08) .200	(7.62) .300	72
08	08	8	(7.62) .300	(10.16) .400	52
10	10	10	(10.16) .400	(12.70) .500	44
12	12	12	(12.70) .500	(15.24) .600	36
14	14	14	(15.24) .600	(17.78) .700	30
16	16	16	(17.78) .700	(20.32) .800	26
18	18	18	(20.32) .800	(22.86) .900	24
20	20	20	(22.86) .900	(25.40)1.000	22
22	22	22	(25.40)1.000	(27.94)1.100	20
24	24	24	(27.94)1.100	(30.48)1.200	18
26	26	26	(30.48)1.200	(33.02)1.300	16
28	28	28	(33.02)1.300	(35.56)1.400	14
30	30	30	(35.56)1.400	(38.10)1.500	14
32	32	32	(38.10)1.500	(40.64)1.600	13
34	34	34	(40.64)1.600	(43.18)1.700	12
36	36	36	(43.18)1.700	(45.72)1.800	12
38	38	38	(45.72)1.800	(48.26)1.900	11
40	40	40	(48.26)1.900	(50.80)2.000	11
42	42	42	(50.80)2.000	(53.34)2.100	11
44	44	44	(53.34)2.100	(55.88)2.200	10
46	46	46	(55.88)2.200	(58.42)2.300	10
48	48	48	(58.42)2.300	(60.96)2.400	9
50	50	50	(60.96)2.400	(63.50)2.500	8
52	52	52	(63.50)2.500	(66.04)2.600	8
54	54	54	(66.04)2.600	(68.58)2.700	8
56	56	56	(68.58)2.700	(71.12)2.800	7
58	58	58	(71.12)2.800	(73.66)2.900	7
60	60	60	(73.66)2.900	(76.20)3.000	7
▼ ▼ 62	▼ ▼ 62	62	(76.20)3.000	(78.74)3.100	7
90151-2X64	90151-3X64	64	(78.74)3.100	(81.28)3.200	6

90151-XX YY

INDICATES NO. OF CIRCUITS.

- SEE CHART

PLATING CODE.

I = VERSION A.

2 = VERSION E.

3 = VERSION F.

4 = VERSION N.

FOR PREVIOUS
DRAWING ISSUES
SEE MRI.

LEAD FREE CONVERSION NEW BORDER ADDED EC NO. E2004-0610 DRAWN: PS-SEAHAN 06/01/2004 CHK: APPR: AH	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE	DESIGN UNITS ☒ mm ☐ INCH	 THIRD ANGLE PROJECTION	☐ mm INCH ☐ mm ONLY	REVISION ON CAD ONLY
		MAJOR 	☐ mm ☐ INCH	DRAWN BY & DATE DB 14/ 7/87		TITLE: C-GRID III			
		CRITICAL 	4 PLACES ±0. ±.	CHECKED BY & DATE		DUAL ROW VERTICAL P.C. BOARD CONNECTOR			
		2 PLACES ±0. ±.	APPROVED BY & DATE		MOLEX INCORPORATED				
		1 PLACE ±0. ±.	ANGULAR: ± °		CAD FILENAME SA90151X2 DGN	MATERIAL NO. SEE CHART	DRAWING NO. SDA-90151	SHEET NO. 20F	SIZE B
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				

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 um (.000050" TO .000070") NICKEL

OVERALL, 0.38 TO 0.64 μ m (.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 um (.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).

PLATING VERSION G.

1.27 TO 1.78 um (.000050" TO .000070") NICKEL

OVERALL, 0.125 um MIN. (.000005" MIN.) GOLD FLASH

ON CONTACT AREA (OVER NICKEL).

3 TO 5 μm (.000120" TO .000200") TIN

ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION N.

1.27 TO 1.78 μm (.000050" TO .000070") NICKEL

OVERALL, 0.76 TO 2.6 μm (.000030" TO .000100")

GOLD ON CONTACT AREA (OVER NICKEL).

4 μm (.000120") MINIMUM TIN

ON SOLDER TAILS (OVER NICKEL).

STANDARD PRODUCTS

7132-1283	10	9	8	7	6	5	4	3	2	1
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