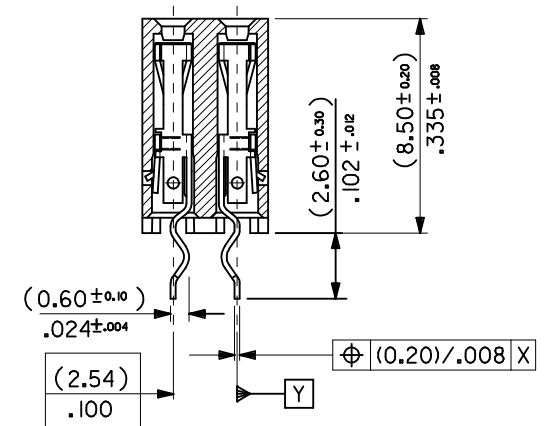
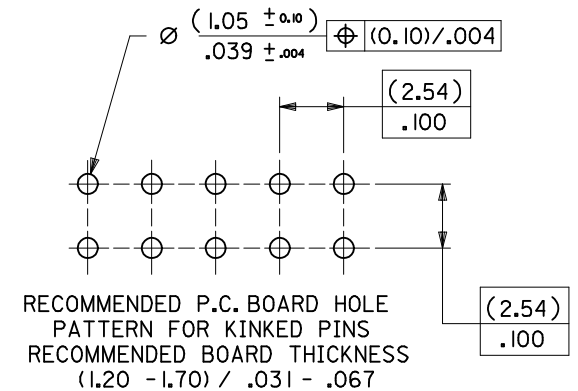
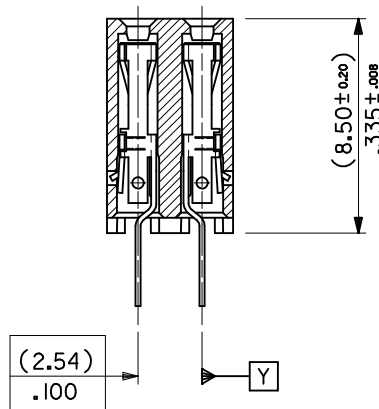
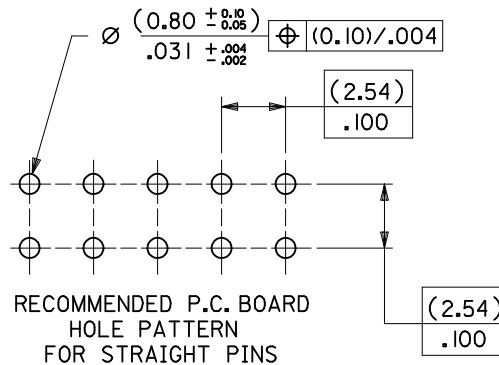
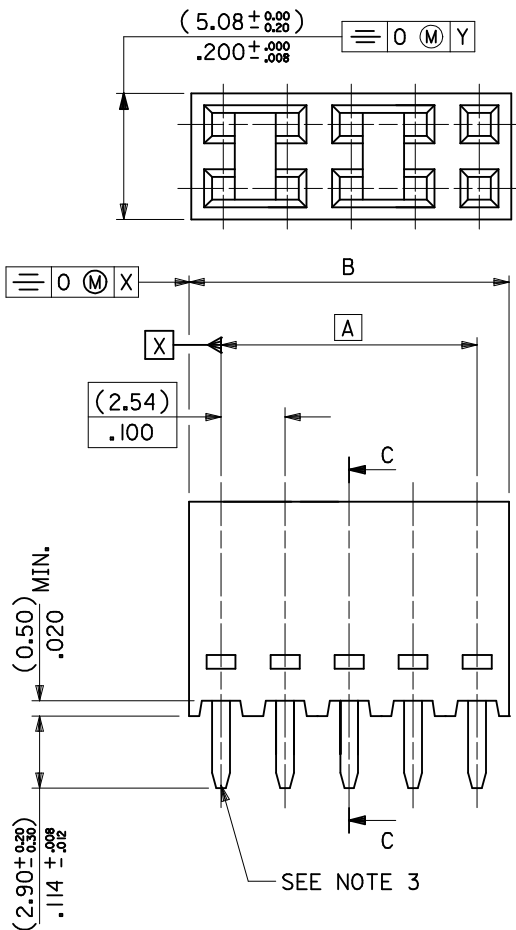




NOTES

- 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:
APPR:BMAGUIRE 2008/12/08
AH

QUALITY
SYMBOLS
▽=0
C=0
REV

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.	DOCUMENT NO.
SIZE	SEE CHART
A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE C-GRID III DUAL ROW VERTICAL P.C. BOARD CONNECTOR		
MOLEX INCORPORATED		
SDA-90151		SHEET NO. 1 OF 5

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

10		9		8		7		6		5		4		3		2		1		
F	SEE CHART		SDA-90151																	F
	PART NO.	DWG. NO.																		
E																				E
D																				D
C																				C
B																				B
A																				A

90151-XXXX

INDICATES NO. OF CIRCUITS.

SEE CHART

PLATING CODE.
1 = VERSION A.
2 = VERSION E.
3 = VERSION F.
4 = VERSION N.
5 = VERSION G.

FOR PREVIOUS
DRAWING ISSUES
SEE MRI.

LEAD FREE CONVERSION
NEW BORDER ADDED
EC NO. E2004-0610
DWG: PSHEAHN 06/01/2004
CHK:
APPR:

DESCRIPTION

REV

QUALITY SYMBOLS
MAJOR
CRITICAL

GENERAL TOLERANCES:
(UNLESS SPECIFIED)

SCALE

DESIGN UNITS
mm INCH

THIRD ANGLE
PROJECTION

DIMENSIONS:
mm INCH mm ONLY

SHT REV

REVISE ON
CAD ONLY

DRAWN BY & DATE
DB 14/ 7/87

CHECKED BY & DATE

APPROVED BY & DATE

CAD FILENAME
SA90151X2
DGN

MATERIAL NO.
SEE CHART

DRAWING NO.
SDA-90151

SHEET NO.
20F

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SIZE
B

PART NO. STRAIGHT PINS	PART NO. KINKED PINS	NO.OF CKTS.	DIM." A"	DIM." B" (+0.00) (-0.30):+0.00 -0.12	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	

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).

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 um (.000120" TO .000200") TIN
ON SOLDER TAILS (OVER NICKEL).

PLATING VERSION N

1.27 TO 1.78 um (.000050" TO .000070") NICKEL
OVERALL, 0.76 TO 2.6 um (.000030" TO .000100")
GOLD ON CONTACT AREA (OVER NICKEL).
4 um (.000120") MINIMUM TIN
ON SOLDER TAILS (OVER NICKEL).

STANDARD PRODUCTS