

F

E

D

C

B

A

F

E

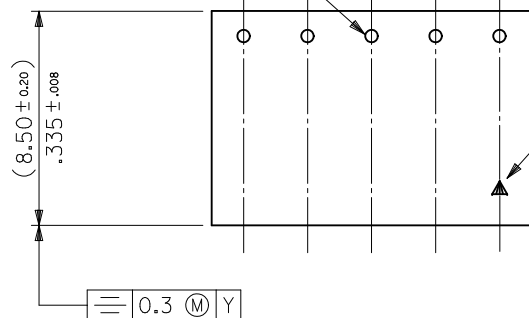
D

C

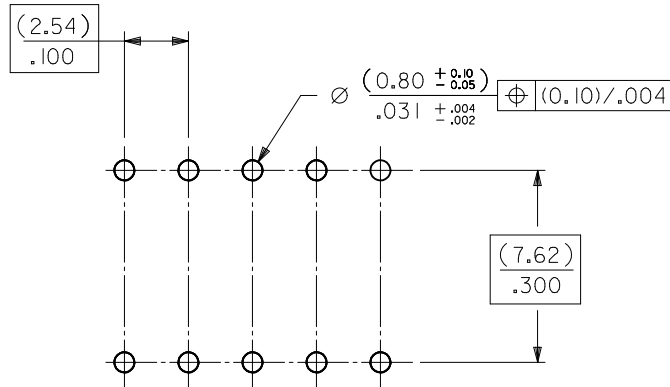
B

A

TERMINAL RETENTION FEATURE



SEE NOTE 4

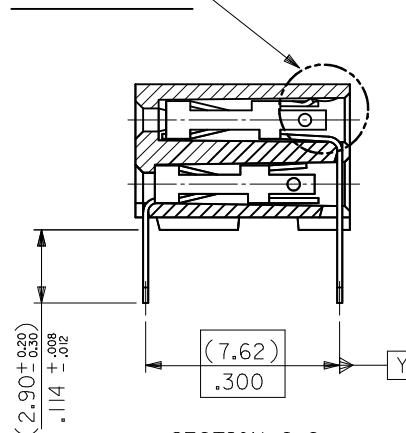


RECOMMENDED P.C. BOARD
HOLE PATTERN

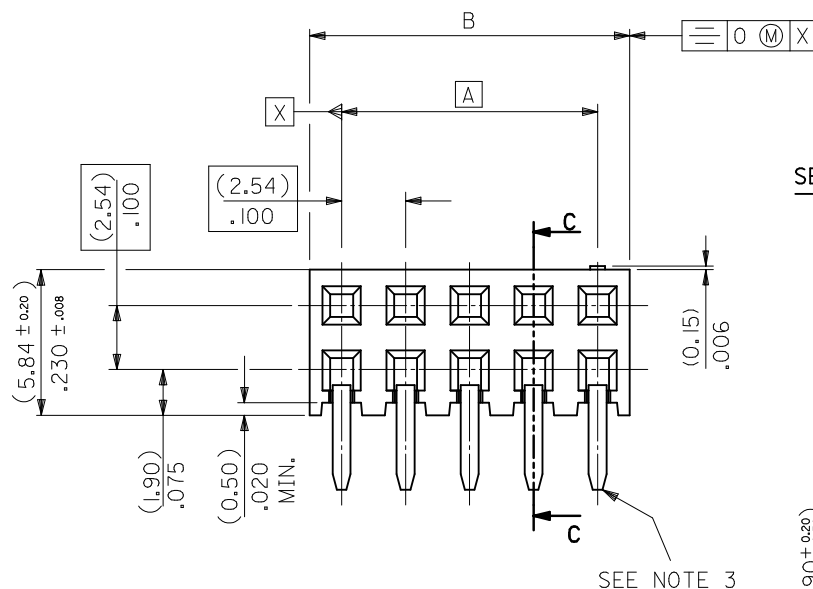
NOTES

- 1) CONTACT-PLATED PHOSPHOR BRONZE.
- 2) HOUSING-15% GLASS FILLED POLYESTER, COLOUR-BLACK.
- 3) COMPATABLE WITH PCB HOLE PATTERN.
- 4) THIS MARK INDICATES CIRCUIT NO.1.
- 5) 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.
- 6) PRODUCT SPECIFICATION: PS-99020-0001
- 7) RECOMMENDED PCB THICKNESS 1.6MM

SEE DETAIL "A"

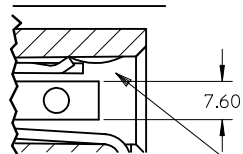


SECTION C-C



SEE NOTE 3

DETAIL "A"

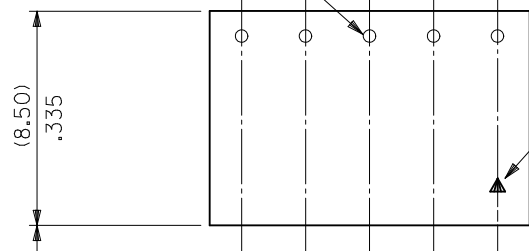


TERMINAL RETENTION FEATURE

SHT385, UPDATE SEC C-C- EC NO: S2011-1033 DRAWN:ATSEE CHKD:SKANG APPR:MLONG				DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	C-GRID PCB CONN DR HORZ
		mm	INCH			DRAWN BY DATE		TITLE					
4 PLACES		± ---	± ---			DB 1987/07/14							
3 PLACES		± ---	± ---			CHECKED BY DATE							
2 PLACES		± 0.20	± .008			DB 1987/07/14							
1 PLACE		± ---	± ---			APPROVED BY DATE							
		ANGULAR ± 2 °				MLONG 2010/01/14		molex MOLEX INCORPORATED					
						MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SDA-90152		1 OF 5					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													

10 9 8 7 6 5 4 3 2 1

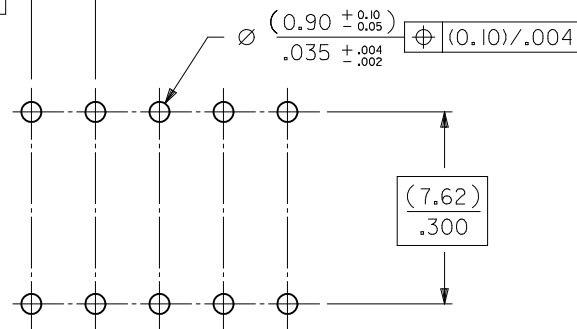
TERMINAL RETENTION FEATURE



0.3 (M) Y

SEE NOTE 5

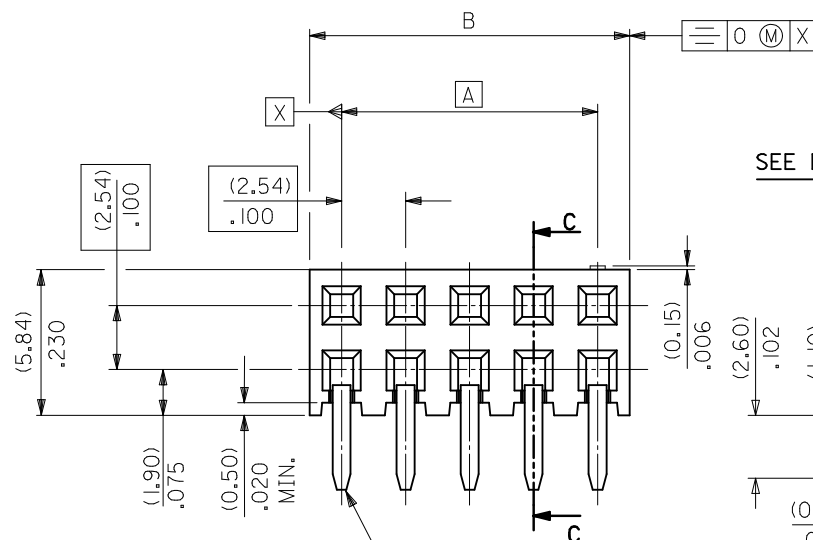
(2.54)
.100



RECOMMENDED P.C. BOARD
HOLE PATTERN

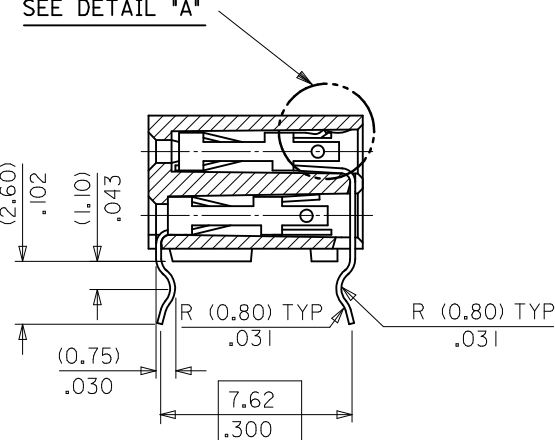
NOTES

- 1) CONTACT-PLATED PHOSPHOR BRONZE.
- 2) HOUSING-15% GLASS FILLED POLYESTER. COLOUR-BLACK.
- 3) COMPATABLE WITH PCB HOLE PATTERN.
- 4) RECOMMENDED PC BOARD THICKNESS
(1.4 ± .2) / .055 ± .008
- 5) THIS MARK INDICATES CIRCUIT NO.1.
- 6) 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.



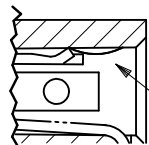
SEE NOTE 3

SEE DETAIL "A"



SECTION C-C

DETAIL "A"



TERMINAL RETENTION FEATURE

SHT385, UPDATE SEC C-C EC NO: S2011-1033 DRAWN:ATSEE CHKD:SKANG APPR:MLONG REV	DESCRIPTION	QUALITY SYMBOLS =0 =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY DB	DATE 1987/07/14	TITLE C-GRID PCB CONN DR HORZ				
			4 PLACES	± ---	± ---	CHECKED BY DB					DATE 1987/07/14
			3 PLACES	± ---	± ---	APPROVED BY MLONG					DATE 2010/01/14
			2 PLACES	± 0.20	± .008	MOLEX MOLEX INCORPORATED		DOCUMENT NO.		SHEET NO. 3 OF 5	
			1 PLACE	± ---	± ---	SEE TABLE		SDA-90152			
			ANGULAR ± 2 °		MATERIAL NO.						
			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				

	10		9		8		7		6		5		4		3		2		1	
	PART NO.	CKT	DIM. A		DIM. B (+0.00 -0.30) +0.00 -0.12		PCS/ TUBE													
F	90152-XX04	4	(2.54) .100		(5.08) .200		109		PLATING VERSION A PRE-PLATED HOT DIP TIN 1.0 TO 2.5 microns (.00004" TO .00010"). PLATING VERSION E 1.27 TO 1.78 microns (.00005" TO .00007") NICKEL OVERALL, 0.38 TO 0.64 microns (.000015" TO .000025") GOLD ON CONTACT AREA (OVER NICKEL). 3 TO 5 microns (.00012" TO .00020") TIN ON SOLDER TAILS (OVER NICKEL). PLATING VERSION F. 1.27 TO 1.78 microns (.00005" TO .00007") NICKEL OVERALL, 0.76 TO 1.0 microns (.00003" TO .00004") GOLD ON CONTACT AREA (OVER NICKEL). 3 TO 5 microns (.00012" TO .00020") TIN ON SOLDER TAILS (OVER NICKEL). PLATING VERSION G. 1.27 TO 1.78 microns (.00005" TO .00007") NICKEL OVERALL, 0.125 TO 0.20 microns (.000005" TO .0000079") GOLD ON CONTACT AREA (OVER NICKEL). 3 TO 5 microns (.00012" TO .00020") TIN ON SOLDER TAILS (OVER NICKEL).											
	06	6	(5.08) .200		(7.62) .300		73													
	08	8	(7.62) .300		(10.16) .400		55													
	10	10	(10.16) .400		(12.70) .500		44													
	12	12	(12.70) .500		(15.24) .600		36													
	14	14	(15.24) .600		(17.78) .700		31													
E	16	16	(17.78) .700		(20.32) .800		27													
	18	18	(20.32) .800		(22.86) .900		24													
	20	20	(22.86) .900		(25.40) 1.000		22													
	22	22					20													
	24	24	(27.94) 1.100		(30.48) 1.200		18													
	26	26	(30.48) 1.200		(33.02) 1.300		16													
D	28	28					14													
	30	30	(35.56) 1.400		(38.10) 1.500		14													
	32	32					13													
	34	34	(40.64) 1.600		(43.18) 1.700		12													
	36	36	(43.18) 1.700		(45.72) 1.800		12													
	38	38	(45.72) 1.800		(48.26) 1.900		11													
C	40	40	(48.26) 1.900		(50.80) 2.000		11													
	42	42					10													
	44	44	(53.34) 2.100		(55.88) 2.200		10													
	46	46					10													
	48	48					9													
	50	50	(60.96) 2.400		(63.50) 2.500		8													
B	52	52					8													
	54	54					8													
	56	56	(68.58) 2.700		(71.12) 2.800		7													
	58	58					7													
	60	60	(73.66) 2.900		(76.20) 3.000		7													
	62	62					6													
A	90152-XX64	64	(78.74) 3.100		(81.28) 3.200		5		90152-XXYY INDICATES NO. OF CIRCUITS. PLATING CODE. 31 = VERSION A. 32 = VERSION E. 33 = VERSION F. 35 = VERSION G.											
tb_frame_A3_P_AM_T Rev. F 2009/06/18		9		8		7		6		5		4		3		2		1		

SHT385, UPDATE SEC C-C EC NO: S2011-1033 DRWN:ATSEE 2011/06/06 CHKD:SKANG 2011/06/21 APPR:MLONG 2011/06/21	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		 		mm	INCH	DRAWN BY DB	DATE 1987/07/14	TITLE C-GRID PCB CONN DR HORZ	MOLEX INCORPORATED	SHEET NO. 4 OF 5
			4 PLACES ± ---	± ---	CHECKED BY DB	DATE 1987/07/14				
			3 PLACES ± ---	± ---	APPROVED BY MLONG	DATE 2010/01/14				
		2 PLACES ± 0.20	± .008	ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.		
		1 PLACE ± ---	± ---	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		

PART NUMBER	CKT. SIZE	PIN VOID	KINKED PINS	NO. PER TUBE
90152-6234	2 X 17	21	NONE	12
90152-5242	2 X 21	5	NONE	10
90152-7130	2 X 15	NONE	1,2 & 29,30	14

NOTES

- 1) FOR DIMENSIONS SEE SHEET 1.
- 2) THIS MARK INDICATES CIRCUIT NO.1.
- 3) SOLDER TAIL OF TERMINAL IN VOIDED CAVITY MUST BE CROPPED AS SHOWN OR TERMINAL REMOVED.

90152-XXYY

INDICATES NO. OF CIRCUITS.

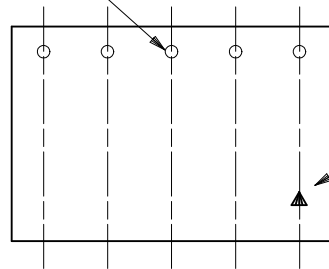
PLATING CODE.

- 1 = VERSION A.
- 2 = VERSION E.
- 3 = VERSION F.
- 5 = VERSION G.

OPTIONS

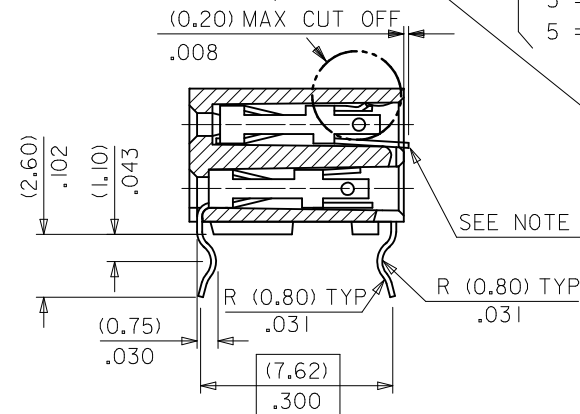
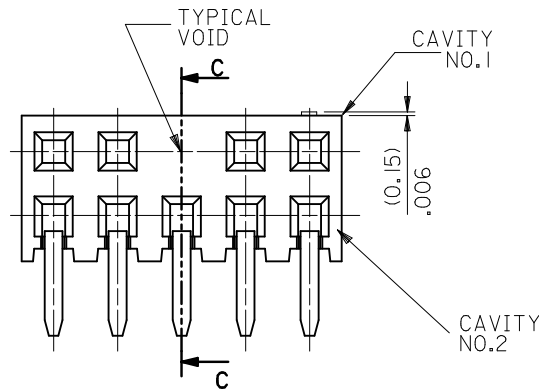
- 2 = REGULAR
- 3 = KINKED
- 5 = VOIDS
- 6 = KINKS & VOIDS
- 7 = SELECTIVE KINKS

TERMINAL RETENTION FEATURE



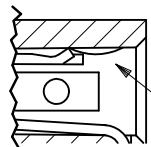
SEE NOTE 2.

SEE DETAIL "A"



SECTION C-C

DETAIL "A"



TERMINAL RETENTION FEATURE

SHT385, UPDATE SEC C-C		2011/06/06 2011/06/21 2011/06/21		DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: S2011-1033 DRAWN:ATSEE CHK:D:SKANG APPR:MLONG	REV					DRAWN BY DATE	C-GRID PCB CONN DR HORZ							
						CHECKED BY DATE								
		4 PLACES ± --- ± ---				DB 1987/07/14								
		3 PLACES ± --- ± ---				DB 1987/07/14								
		2 PLACES ± 0.20 ± .008				APPROVED BY DATE								
		1 PLACE ± --- ± ---				MLONG 2010/01/14								
		ANGULAR ± 2 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		SEE TABLE		SDA-90152		5 OF 5				
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

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