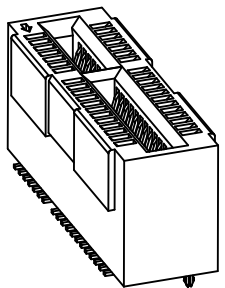


SECTION A-A



WITHOUT CAP

NOTES:

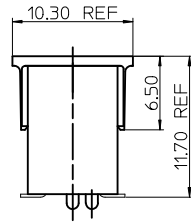
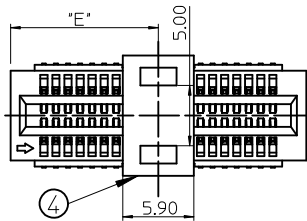
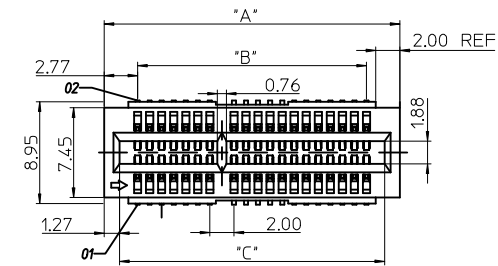
1. MATERIAL:
 - ① HOUSING: NYLON, GLASS FIBER FILLED UL 94V-0, COLOR: BLACK
 - ② TERMINAL: PHOSPHOR BROZNE.
 - ③ FORKLOCK: BRASS.
 - ④ CAP: NYLON, GLASS FIBER FILLED UL 94V-0, COLOR: BLACK
2. PLATING:
 - TERMINAL : SELECTIVE GOLD IN CONTACT AREA, THICKNESS = 15 MICROINCH MIN. SELECTIVE TIN IN SOLDER AREA, THICKNESS = 100 MICROINCH MIN. OVERALL NICKEL.
 - FORKLOCK : NICKEL OVERALL, THICKNESS = 50 MICROINCH MIN.
3. PRODUCT SPECIFICATION: REFER TO PS-48193-001
4. PACKAGING SPECIFICATION: REFER TO PK-48193-001
5. TEST SUMMARY:REFER TO TS-48193-001
6. COPLANARITY TO BE 0.1MAX BEFORE I.R REFLOW.
7. LEAD FREE AND ROHS COMPLIANCE PRODUCT.
8. DATE CODE:XX(YY),XX(WW),X(LOCATION).

PART NO.	CIRCUIT SIZE	"A"	"B"	"C"	"D"	REMARK
48193-1000	78 CKT	44.54	39.00	42.00	43.25	WITHOUT CAP
48193-2000	116 CKT	64.54	59.00	62.00	63.25	

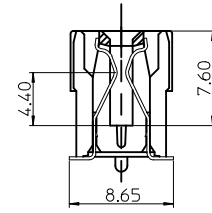
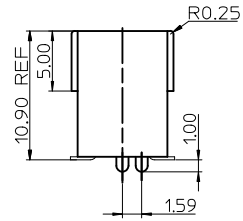
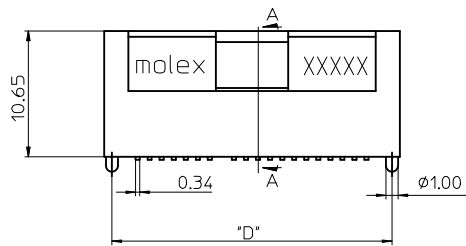
EWR 2008-0042 EC NO: SH2011-0312 DRAWN:CD CHKD: APPR:RZHANG 2011/03/18 2011/04/28	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		$\nabla = 0$ $\sphericalangle = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	DRAWN BY DATE TOM 2004/09/02 CHECKED BY DATE ALLEN LIN 2004/09/02 APPROVED BY DATE WILSON CHANG 2004/09/02 MATERIAL NO.	TITLE	1.0 PITCH EDGE CARD VERTICAL SMT CONNECTOR		MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-48193-001 SHEET NO. 1 OF 4
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
					SIZE A 4			

7 6 5 4 3 2 1

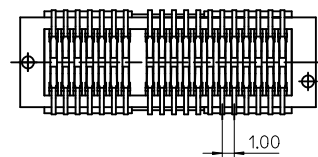
E



D



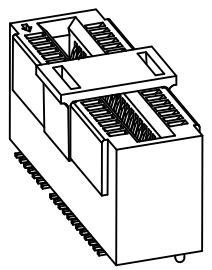
C



B

PART NO.	CIRCUIT SIZE	"A"	"B"	"C"	"D"	"E REF"	REMARK
48193-1100	78 CKT	44.54	39.00	42.00	43.25	22.27	WITH CAP
48193-2100	116 CKT	64.54	59.00	62.00	63.25	32.27	
48193-3100	136 CKT	74.54	69.00	72.00	73.25	37.27	

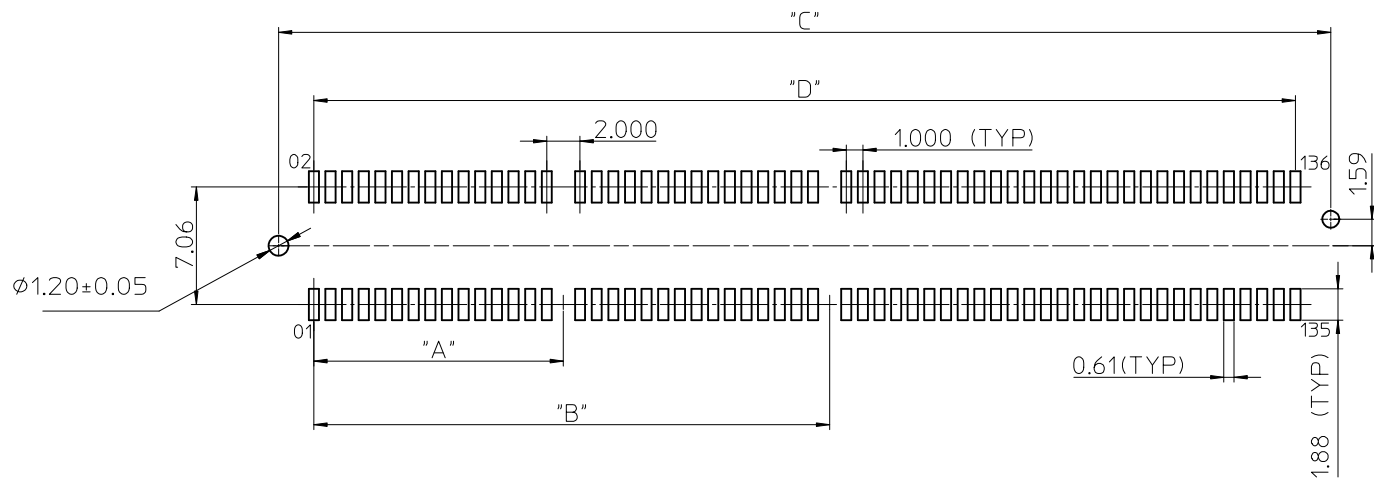
A



WITH CAP

SEE SHEET 1 EC NO: SH2011-0312 DRWN:CD CHKD: APPR:RZHANG 2011/03/18 2011/04/28	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION 1.0 PITCH EDGE CARD VERTICAL SMT CONNECTOR MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-48193-001 SHEET NO. 2 OF 4	
			mm	INCH	DRAWN BY TOM	DATE 2004/09/02	TITLE		
		4 PLACES	± ---	± ---	CHECKED BY ALLEN LIN	DATE 2004/09/02			
		3 PLACES	± ---	± ---	APPROVED BY WILSON CHANG	DATE 2004/09/02			
			2 PLACES	± 0.25	± ---				
			1 PLACE	± 0.25	± ---				
			ANGULAR ± 3 °		MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE				
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

6 5 4 3 2 1



POSITION	"A"	"B"	"C"	"D"
78 CKT	15.000	N/A	43.245	39.000
116 CKT	15.000	31.000	63.245	59.000
136 CKT	26.000	57.000	73.245	69.000

SEE SHEET 1 EC NO: SH2011-0312 DRWN:CD CHKD: APPR:RZHANG	2011/03/18 2011/04/28	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
						DRAWN BY TOM	DATE 2004/09/02	TITLE 1.0 PITCH EDGE CARD VERTICAL SMT CONNECTOR			
						CHECKED BY ALLEN LIN	DATE 2004/09/02				
						APPROVED BY WILSON CHANG	DATE 2004/09/02	molex MOLEX INCORPORATED			
		MATERIAL NO.		DOCUMENT NO. SD-48193-001	SHEET NO. 3 OF 4						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

7 6 5 4 3 2 1

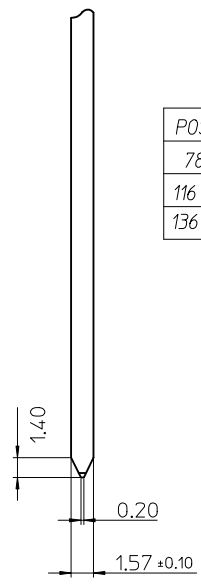
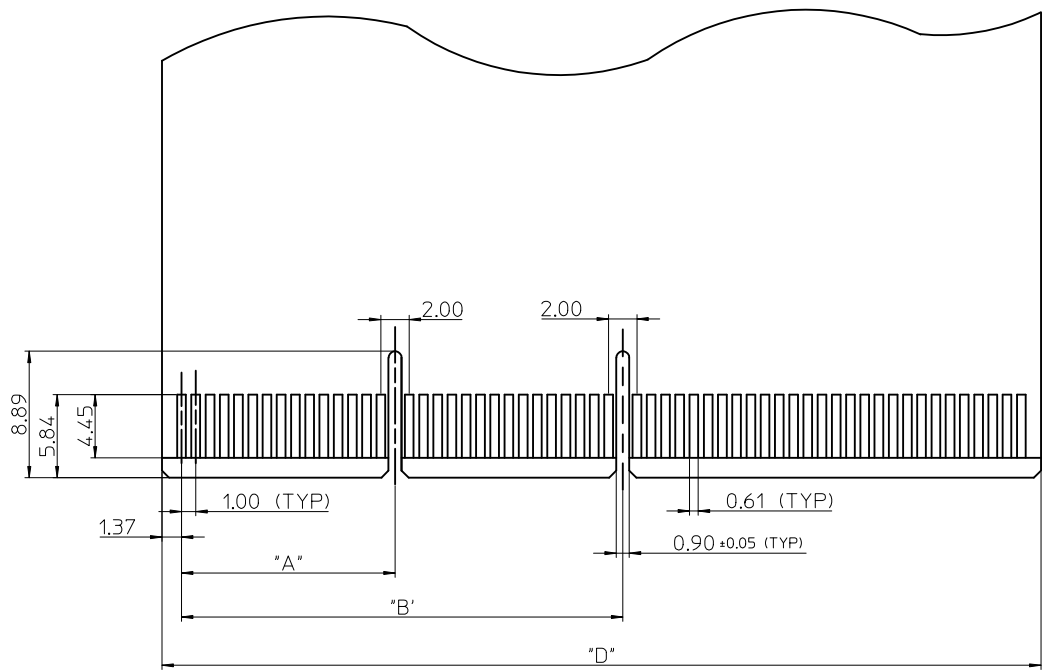
E

D

C

B

A



POSITION	"A"	"B"	"D"
78 CKT	15.000	N/A	41.750
116 CKT	15.000	31.000	61.750
136 CKT	26.000	57.000	△B 71.750

- NOTES:
- 1.-60 AND -70 ARE THE ONLY TWO CARDS THAT HAVE TWO SLOTS.
 - 2.MIRROR IMAGE FOOTPRINT ON THE OTHER SIDE OF PCB.
 - 3.FOR NON-POLARIZED OPTION,REPLACE SLOTS WITH TRACES
 - 4.ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

SEE SHEET 1 EC NO: SH2011-0312 DRAWN:CD 2011/03/18 CHKD: APPR:RZHANG 2011/04/28	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		▼=0 ◻=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	DRAWN BY DATE TOM 2004/09/02 CHECKED BY DATE ALLEN LIN 2004/09/02 APPROVED BY DATE WILSON CHANG 2004/09/02	TITLE	1.0 PITCH EDGE CARD VERTICAL SMT CONNECTOR			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.	MOLEX INCORPORATED		DOCUMENT NO.	SHEET NO.
					SIZE A 4	SD-48193-001			4 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

6 5 4 3 2 1