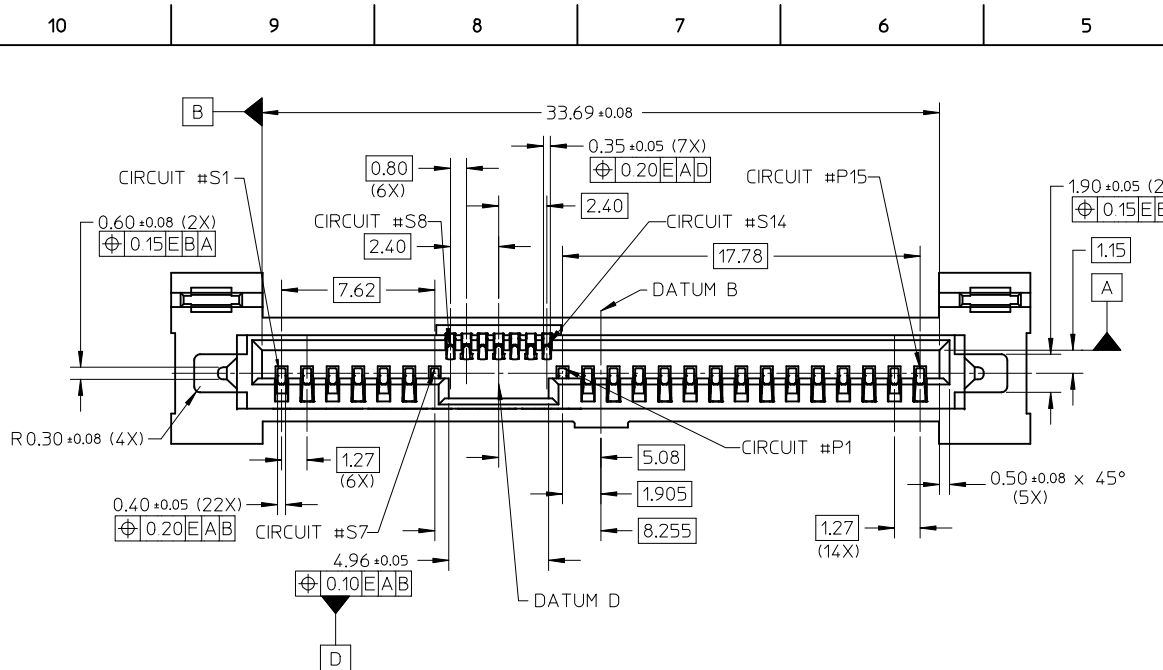
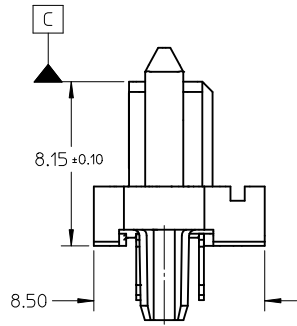


PART NUMBER	DIMENSION 'L'	DIMENSION 'M'	PLATING OPTION
87863-0015	2.70	1.44 MIN	TIN
87863-0025	3.50	2.36 TO 3.18	

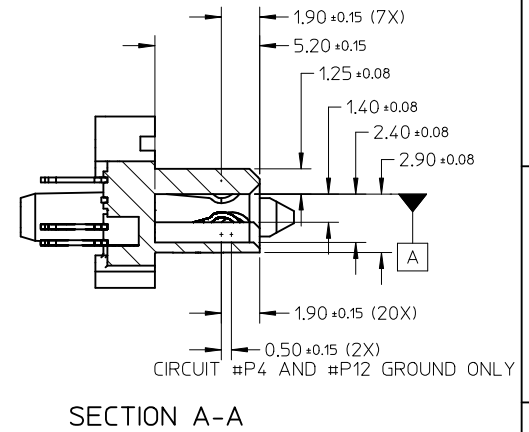
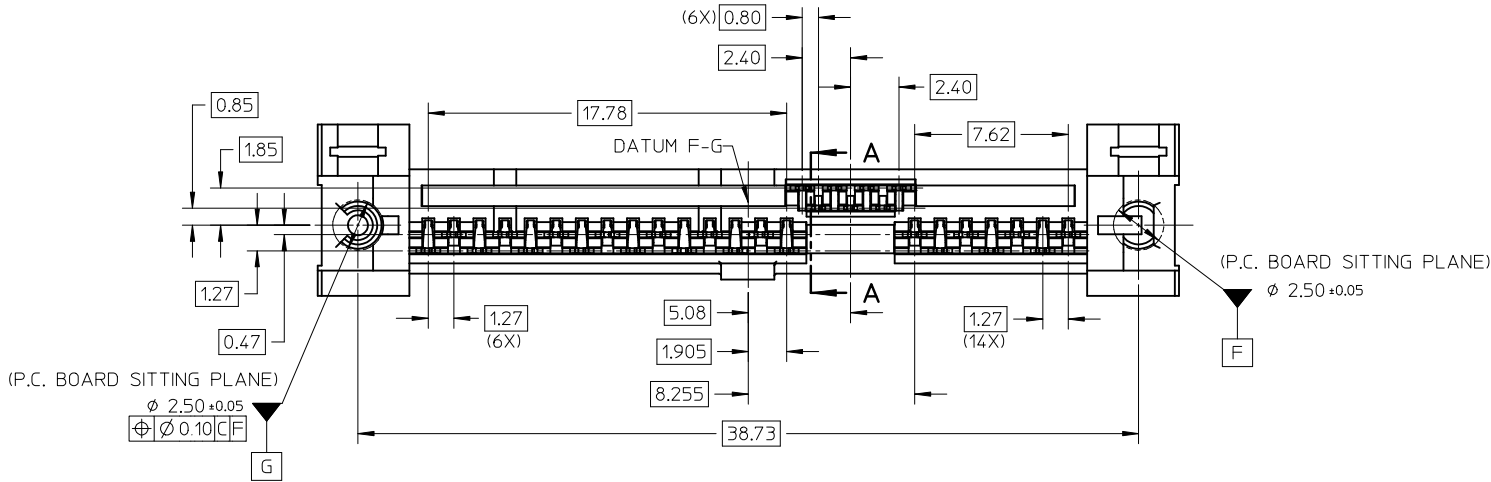
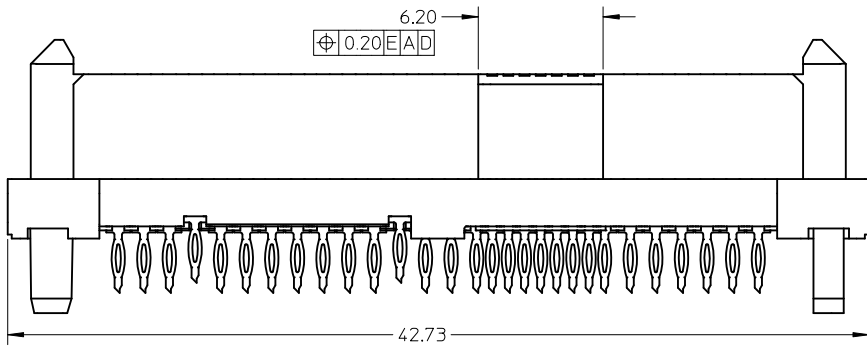


- NOTES:
- MATERIAL:
HOUSING: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL 94V-0, COLOR BLACK.
TERMINAL: COPPER ALLOY.
 - PLATING:
CONTACTS: 0.76µm MIN. SELECTIVE GOLD OVER 1.27m MIN. NICKEL UNDERPLATE.
SOLDERTAILS: 2.54µm MIN. TIN OVER 1.27m MIN. NICKEL UNDERPLATE.
 - MOLEX LOGO AND DATE CODE LOCATED APPROXIMATELY AS SHOWN.
 - PRODUCT CONFORMS TO SFF-8482 SPECIFICATION.
 - KEEP OUT ZONE ON BOTH SIDE OF THE PCB FOR CONNECTOR.
 - PACKAGING: TRAY.
 - PRODUCT SPECIFICATION:
87863-0015 AND 87863-0025 REFER TO PS-87863-060
87863-2025 REFER TO PS-87863-061
 - MATES WITH: SFF-8482 PLUG
SATA PLUG SERIES 87679, 87703 AND 87799
 - THIS PRODUCT IS COMPLIANT TO RoHS DIRECTIVE WITH THE FOLLOWING BANNED SUBSTANCES - LEAD, MERCURY, CADMIUM, HEXAVALENT CHROMIUM, POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYLS ETHERS.



UPDATE DIM M EC NO: S2011-0488 DRW: NATSEE CHKD: SKANG APPR: MLONG 2010/12/02 2010/12/13 2010/12/13	QUALITY SYMBOLS ▽=0 C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY DKOH	DATE 2004/10/16	TITLE SERIAL ATTACH SCSI PRESS-FIT RECEPTACLE STANDARD HEIGHT			
		3 PLACES ± --- ± ---		CHECKED BY KCLING	DATE 2004/11/15	MOLEX INCORPORATED			
		2 PLACES ± 0.20 ± ---		APPROVED BY SKTOH	DATE 2004/11/17	MOLEX INCORPORATED			
		1 PLACE ± --- ± ---		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87863-059	SHEET NO. 1 OF 4		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		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

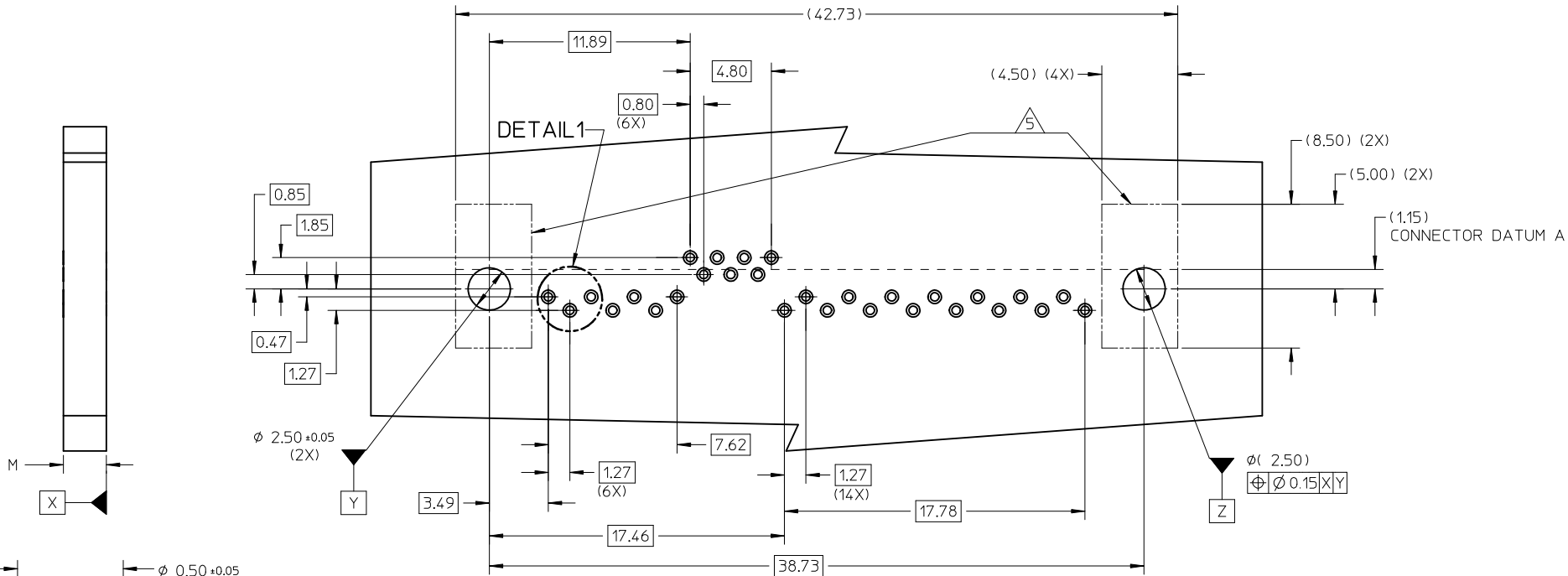


(P.C. BOARD SITTING PLANE)
 $\phi 2.50 \pm 0.05$
 $\oplus \ominus \phi 0.10 [C] F$
 G

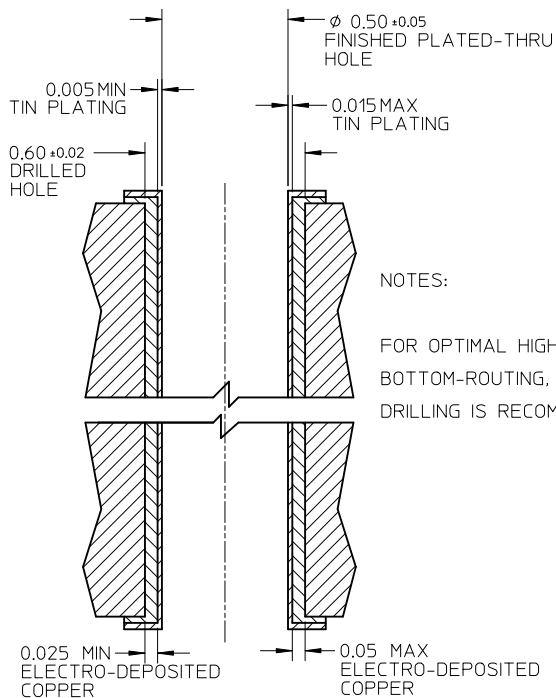
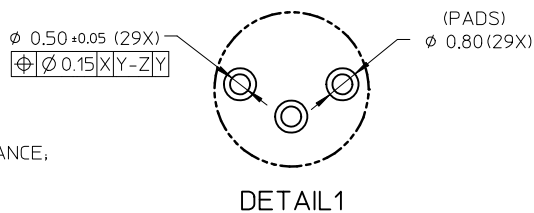
(P.C. BOARD SITTING PLANE)
 $\phi 2.50 \pm 0.05$
 F

UPDATE DIM M EC NO: S2011-0488 DRW: NAI SEE CHK: DSKANG APPR: MLONG 2010/12/02 2010/12/13 2010/12/13	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION SERIAL ATTACH SCSI PRESS-FIT RECEPTACLE STANDARD HEIGHT MOLEX INCORPORATED SD-87863-059 SHEET NO. 2 OF 4
	$\nabla = 0$ $\text{C} = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	MM ONLY	NTS	METRIC	
	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: DKOH DATE: 2004/10/16 CHECKED BY: KCL ING DATE: 2004/11/15 APPROVED BY: SKTOH DATE: 2004/11/17 MATERIAL NO. DOCUMENT NO.	TITLE		
	REV		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



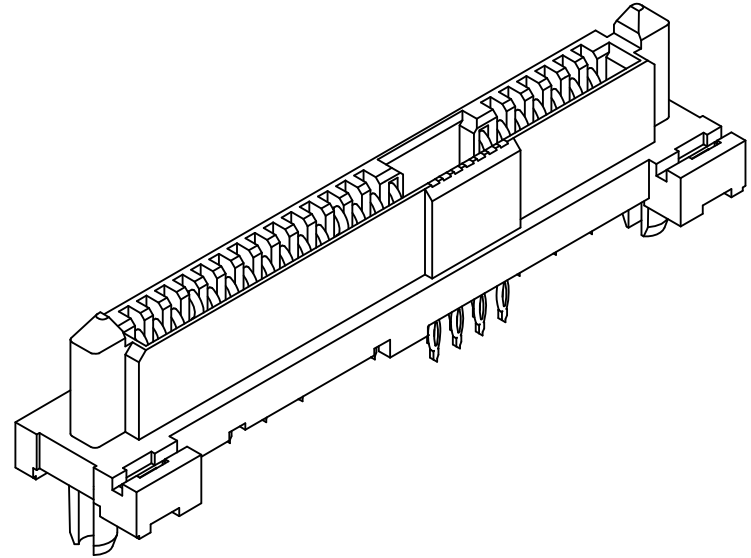
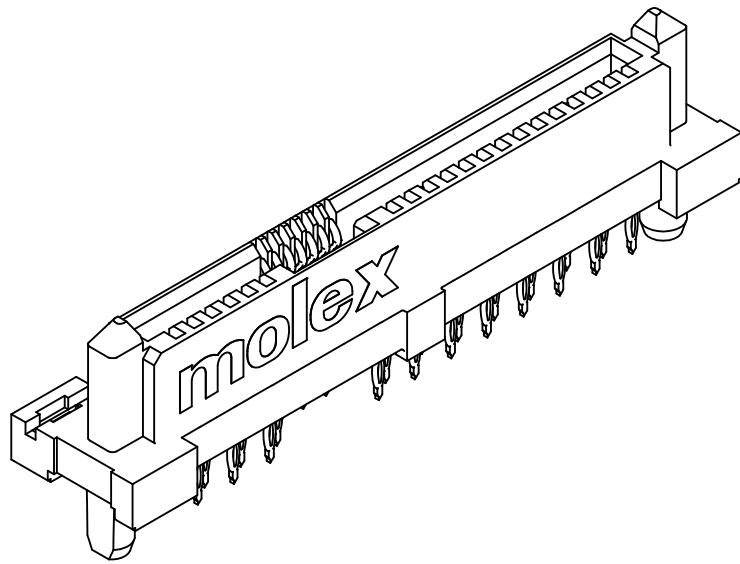
RECOMMENDED PCB LAYOUT



NOTES:

FOR OPTIMAL HIGH SPEED ELECTRICAL PERFORMANCE,
BOTTOM-ROUTING, THINNER PCBs AND/OR BACK
DRILLING IS RECOMMENDED.

UPDATE DIM M EC NO: S2011-0488 DRW: NAISEE CHKD: SKANG APPR: MLONG	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY DKOH	DATE 2004/10/16	TITLE SERIAL ATTACH SCSI PRESS-FIT RECEPTACLE STANDARD HEIGHT	
C6	REV	4 PLACES	± ---	± ---	CHECKED BY KCL ING	DATE 2004/11/15	MOLEX INCORPORATED
		3 PLACES	± ---	± ---	APPROVED BY SKTOH	DATE 2004/11/17	
		2 PLACES	± 0.20	± ---	SHEET NO. 3 OF 4		
		1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			



UPDATE DIM M EC NO: S2011-0488 DRW:ATSEE 2010/12/02 CHK:D:SKANG 2010/12/13 APPR:MLONG 2010/12/13 C6	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY DRAWN BY: DKOH CHECKED BY: KCLING APPROVED BY: SKTOH MATERIAL NO. SEE TABLE	DATE: 2004/10/16 DATE: 2004/11/15 DATE: 2004/11/17	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: SERIAL ATTACH SCSI PRESS-FIT RECEPTACLE STANDARD HEIGHT MOLEX INCORPORATED DOCUMENT NO.: SD-87863-059	SHEET NO.: 4 OF 4		
	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					