

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0879751001](#)

For any questions, you can email us directly:

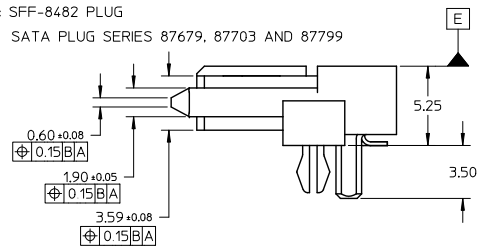
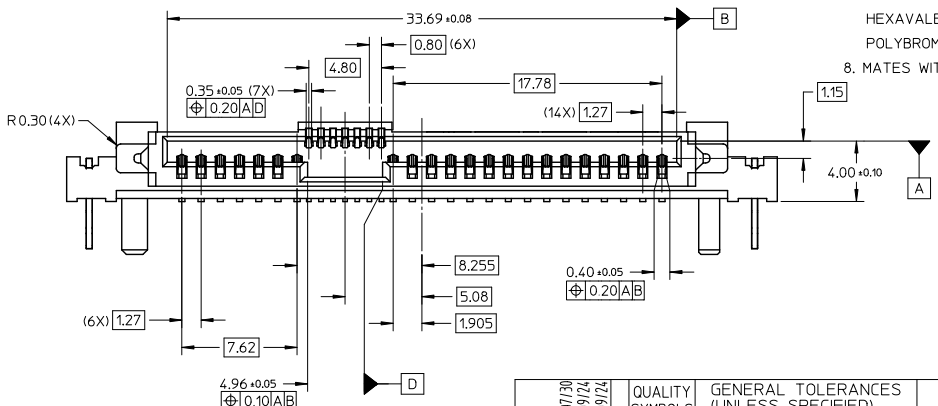
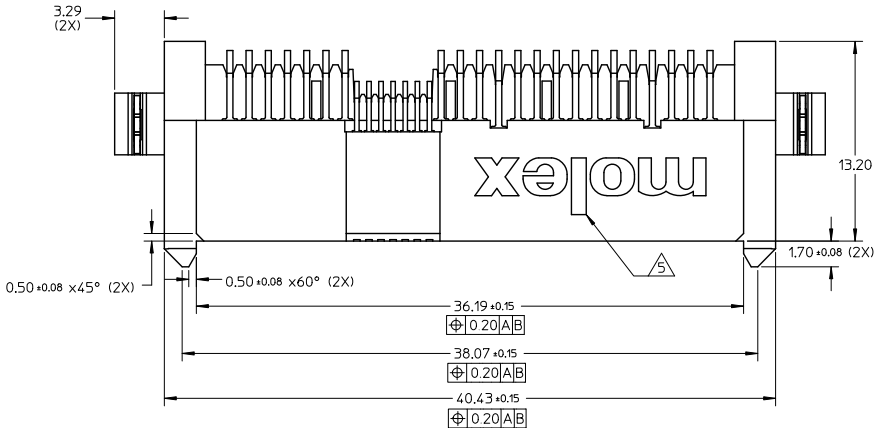
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

10 9 8 7 6 5 4 3 2 1

PART NUMBERS IN TRAY	PART NUMBERS IN T&R	HOLD DOWN OPTION
87975-1001	87975-1011	FORK LOCK
87975-1002	87975-1012	BLADE

**NOTES:**

- MATERIAL:**  
HOUSING: NYLON, GLASS FILLED, UL 94V-0, BLACK.  
TERMINAL/FORKLOCK/BLADE : COPPER ALLOY.
- FINISHES:**  
**TERMINAL:**  
CONTACT: 0.76µm MIN. SELECTIVE GOLD OVER 1.27µm MIN. NICKEL UNDERPLATE.  
SOLDERTAIL: 2.54µm MIN. TIN OVER 1.27µm MIN. NICKEL UNDERPLATE.  
**FORKLOCK/BLADE:** 2.54µm MIN. TIN OVER 1.27µm MIN. NICKEL UNDERPLATE.
- PRODUCT SPECIFICATION:** PS-87975-102
- PACKAGING SPECIFICATION :** TRAY.
- MOLEX LOGO AND DATE CODE LOCATED APPROXIMATELY AS SHOWN.**
- NON FUNCTIONAL CORE HOLE MAY VARY.**
- THIS PRODUCT IS COMPLIANT TO RoHS DIRECTIVE WITH THE FOLLOWING BANNED SUBSTANCES - LEAD, MERCURY, CADMIUM, HEXAVALENT CHROMIUM, POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS.**
- MATES WITH : SFF-8482 PLUG**  
SATA PLUG SERIES 87679, 87703 AND 87799

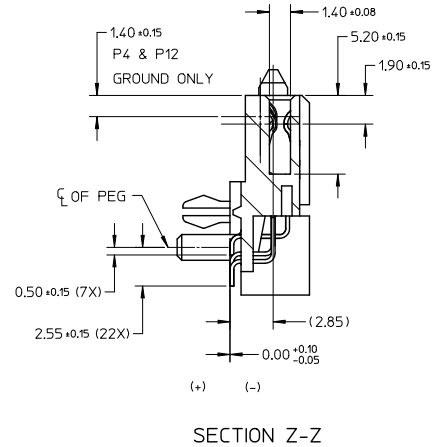
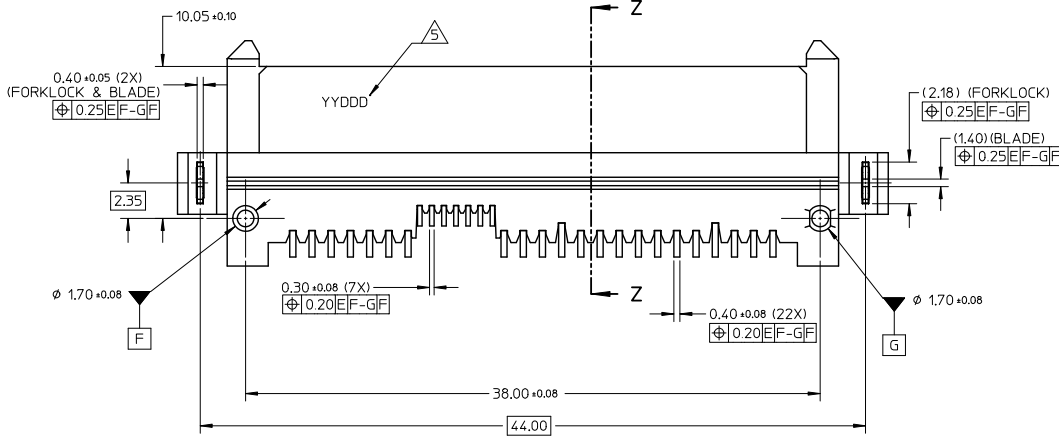
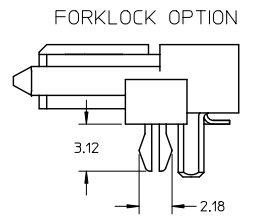
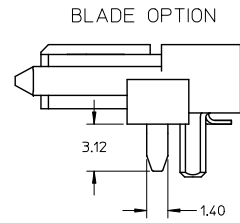
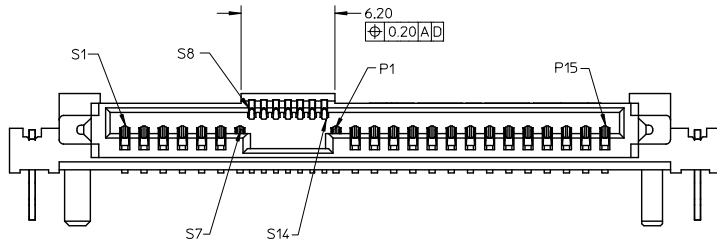


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Rev. F 2009/06/18

REVISED EC. NO. S2011-0079 DRAWN:SKANG CHKD:ATSEE APPR:MLONG	DESCRIPTION 2010/07/30 2010/09/24 2010/09/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
A2	REV	▽=0	4 PLACES ± ---	± ---	DRAWN BY	2005/03/16	SERIAL ATTACH SCSI RECEPTACLE, RIGHT-ANGLE SMT, 2.85MM HEIGHT	MOLEX INCORPORATED	MATERIAL NO. SEE TABLE
			3 PLACES ± ---	± ---	CHECKED BY	2005/03/23			
			2 PLACES ± 0.20	± ---	APPROVED BY	2010/09/24			
			1 PLACE ± ---	± ---	DATE	2010/09/24			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± 3°		MLONG		DOCUMENT NO. SD-87975-101	SHEET NO. 1 OF 5	

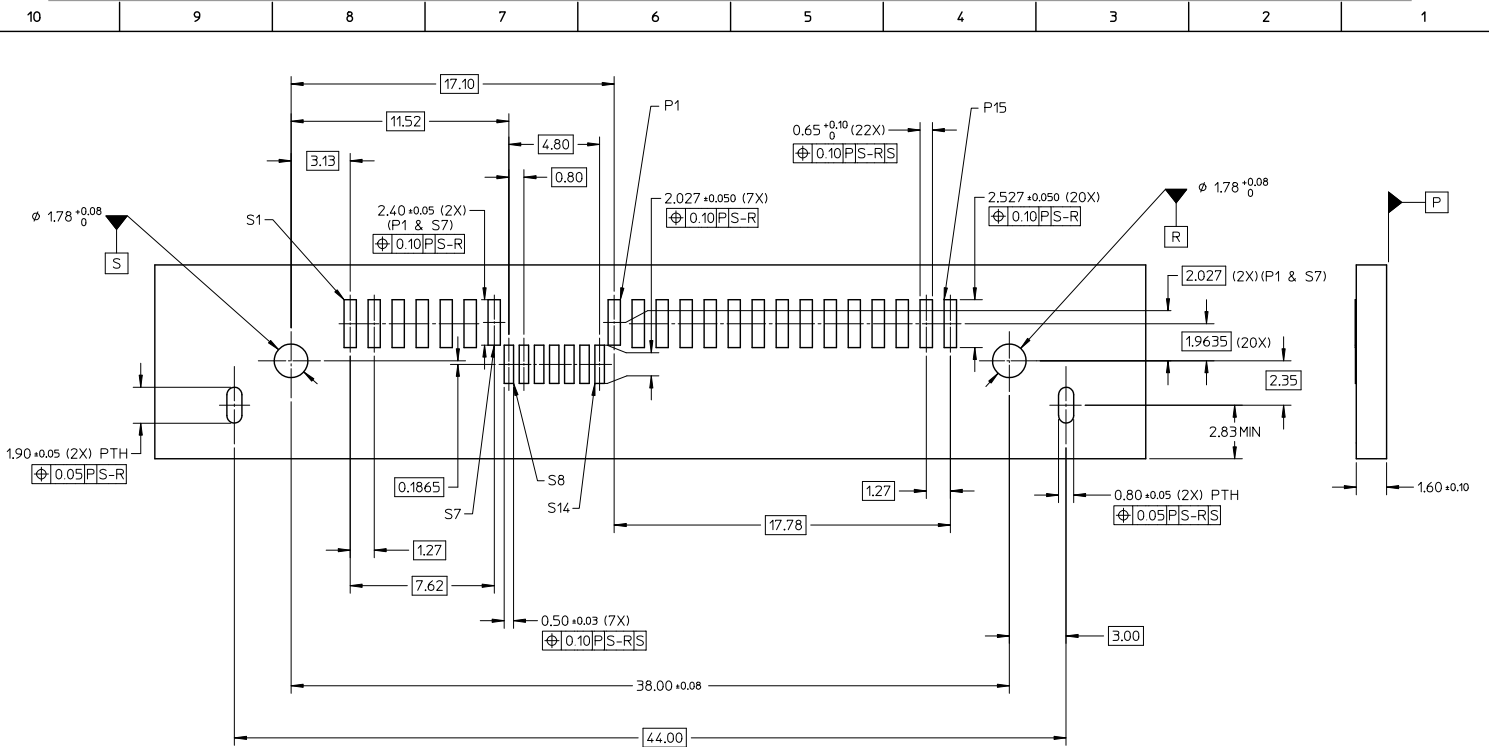
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10 9 8 7 6 5 4 3 2 1



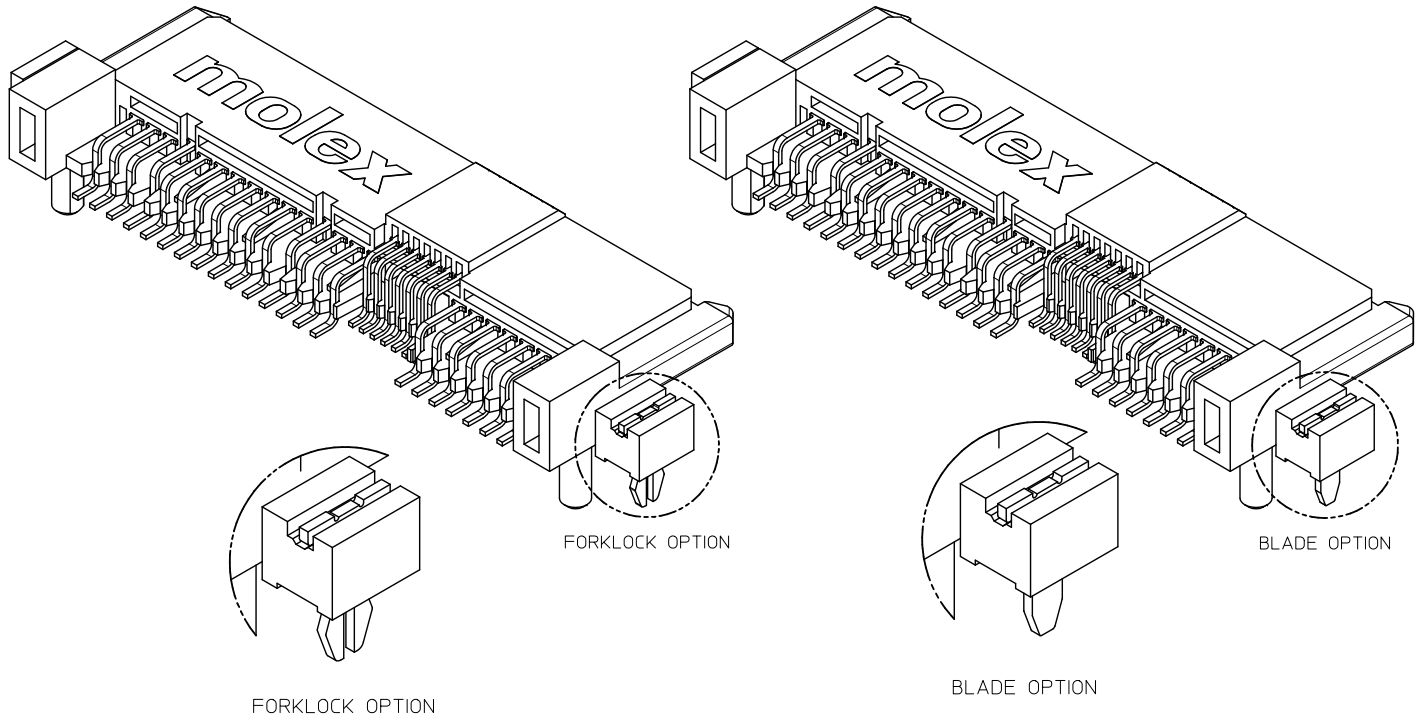
REVISED IEC NO: SZ011-0079 DRW:SKANG CHK:DATSEE APPR:MLONG 2010/07/30 2010/09/24 2010/09/24 2010/09/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm	INCH	MM ONLY		NTS	METRIC	
	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± --- ± --- ANGULAR ± 3°	DRAWN BY YKOH DATE 2005/03/16		TILE		SERIAL ATTACH SCSI RECEPTACLE, RIGHT-ANGLE SMT, 2.85MM HEIGHT		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY DKOH DATE 2005/03/23		APPROVED BY MLONG DATE 2010/09/24		MOLEX INCORPORATED		
A2	DESCRIPTION	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87975-101		SHEET NO. 2 OF 5		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



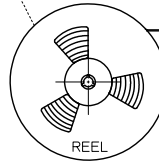
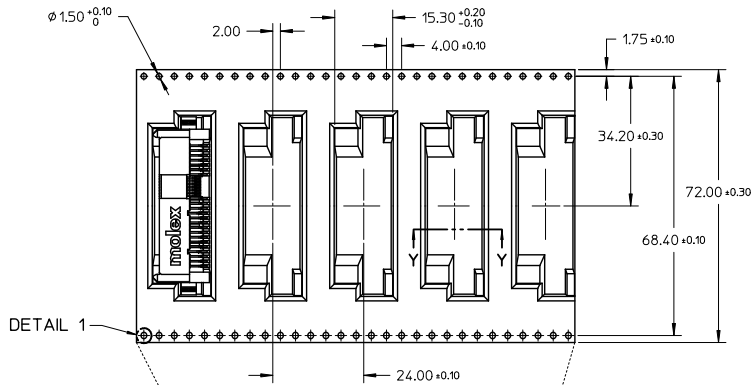
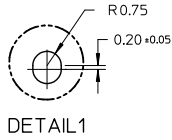
RECOMMENDED PCB LAYOUT

<b>REVISED</b> EC NO. S2011-0079 DRAWN: SKANG CHKD: ATSEE APPR: MLONG 2010/07/30 2010/09/24 2010/09/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ±---	±---	mm	INCH	DRAWN BY YKOH	DATE 2005/03/16	TITLE SERIAL ATTACH SCSI RECEPTACLE, RIGHT-ANGLE SMT, 2.85MM HEIGHT
	▽=0	3 PLACES ±---	±---			CHECKED BY DKOH	DATE 2005/03/23	MOLEX INCORPORATED
	▽=0	2 PLACES ±0.20	±---			APPROVED BY MLONG	DATE 2010/09/24	
		1 PLACE ±---	±---			MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87975-101	SHEET NO. 3 OF 5
		ANGULAR ± 3°				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



REVISED IEC NO. S2011-0079 DRAWN:SKANG CHKD:ATSEE APPR:MLONG A2	2010/07/30 2010/09/24 2010/09/24	QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
	DESCRIPTION		mm	INCH	DRAWN BY	DATE	TITLE	SERIAL ATTACH SCSI RECEPTACLE, RIGHT-ANGLE SMT, 2.85MM HEIGHT MOLEX INCORPORATED			
	REV		4 PLACES	±---	±---	YKOH	2005/03/16				MOLEX MOLEX INCORPORATED
			3 PLACES	±---	±---	CHECKED BY	DATE				
	2 PLACES	±0.20	±---	DKOH	2005/03/23	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-87975-101	SHEET NO. 4 OF 5			
	1 PLACE	±---	±---	APPROVED BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			ANGULAR ± 3 °		MLONG 2010/09/24						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								

10 9 8 7 6 5 4 3 2 1

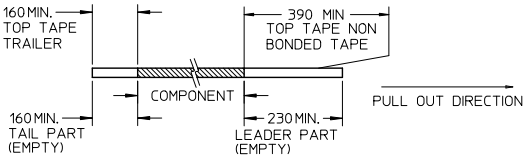


PULL OUT DIRECTION

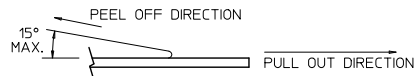


**NOTES:**

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



- 3. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
- 4. TAPE AND REEL QUANTITY : TBA.
- 5. THE TAPE IS TREATED FOR ANTI-STATIC.

REVISED EC. NO. S2011-0079 DRAWN:KANG CHK:DATSEE APPR:MLONG	DESCRIPTION REV	QUALITY SYMBOLS √=0 √=0 √=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.20 ± ---	1 PLACE ± --- ± ---	ANGULAR ± 3 °	DRAWN BY YKOH	DATE 2005/03/16
A2			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		MOLEX INCORPORATED		SHEET NO. 5 OF 5
					SIZE A3		DOCUMENT NO. SD-87975-101		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