

F

E

D

C

B

A

F

E

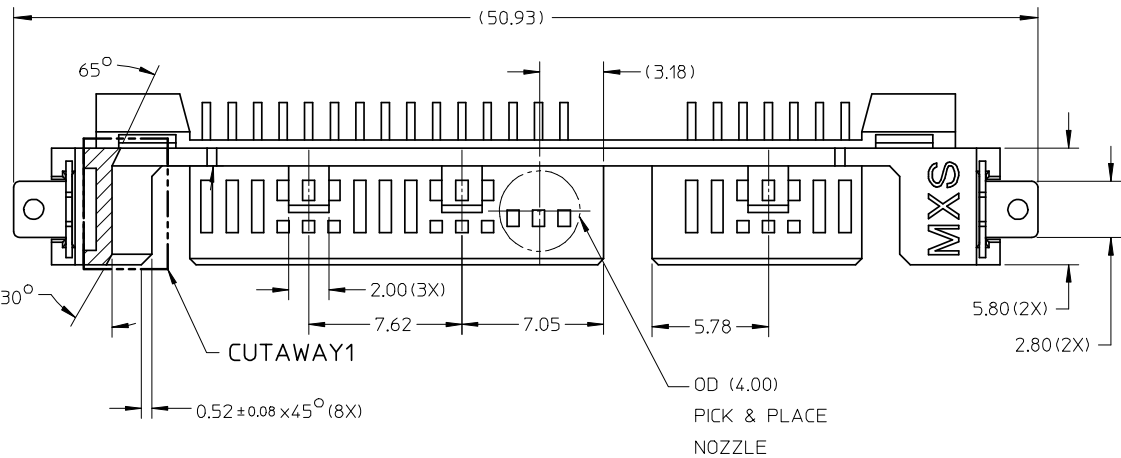
D

C

B

A

PART NUMBER	PACKAGING
87703-0001	TRAY
87703-0067	TAPE & REEL



NOTES:

1. MATERIAL:

HOUSING: LIQUID CRYSTALLINE POLYMER (LCP), GLASS FILLED
UL 94V-0, COLOR: BLACK

CONTACTS & SMT NAILS: COPPER ALLOY

2. PLATING FINISH ON CONTACTS AND SOLDERTAILS:

0.127μm MIN. GOLD FLASH OVER 1.27μm MIN. NICKEL UNDERPLATE

3. PLATING FINISH ON SMT NAILS:

3.18μm MIN. TIN OVER 1.27μm MIN. NICKEL UNDERPLATE

4. PRODUCT SPECIFICATION: PS-87703-017 APPLIES

5. PRODUCT CONFORMS TO SERIAL ATA SPECIFICATION.

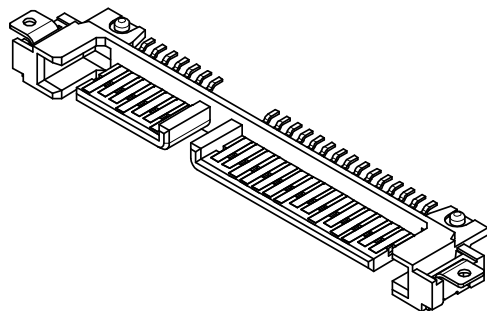
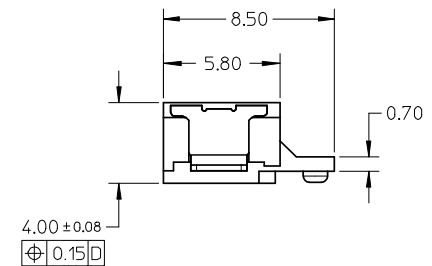
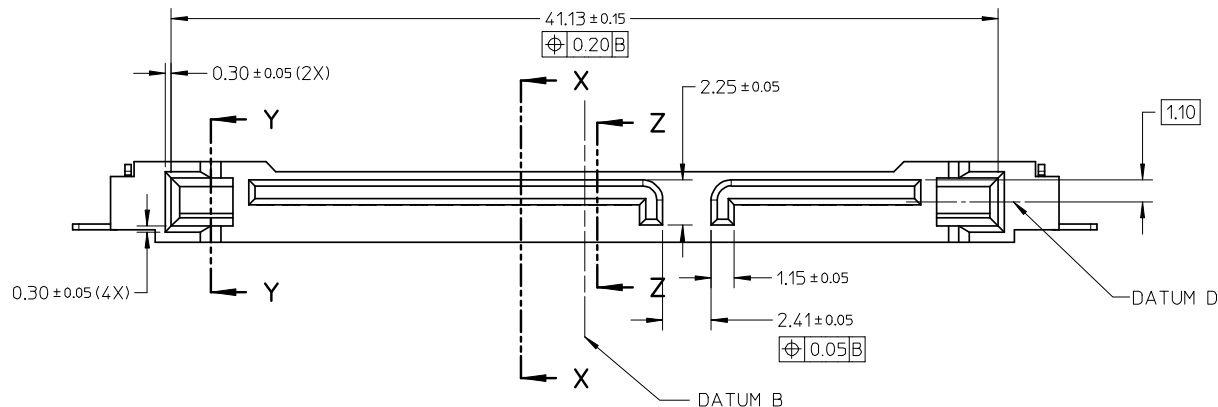
6. PACKAGING: TRAY

7. PRODUCT IS COMPLIANT TO RoHS DIRECTIVE WITH THE FOLLOWING
BANNED SUBSTANCES - LEAD, MERCURY, CADMIUM, HEXAVALENT CHROMIUM,
POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYL ETHERS.

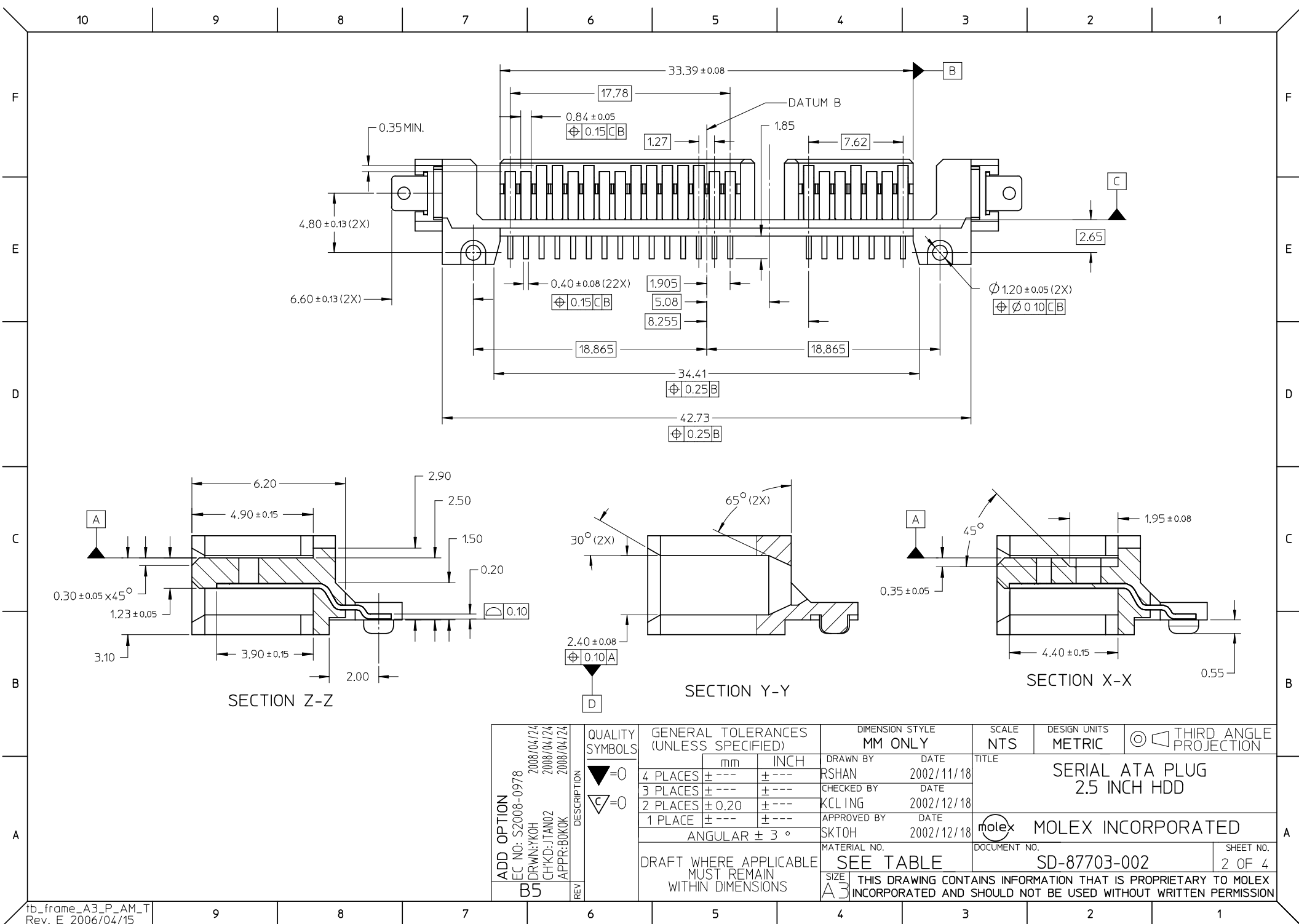
8. MATES WITH: SATA RECEPTACLE SERIES: 87678, 87701, 87713, 87779,

87780, 87781

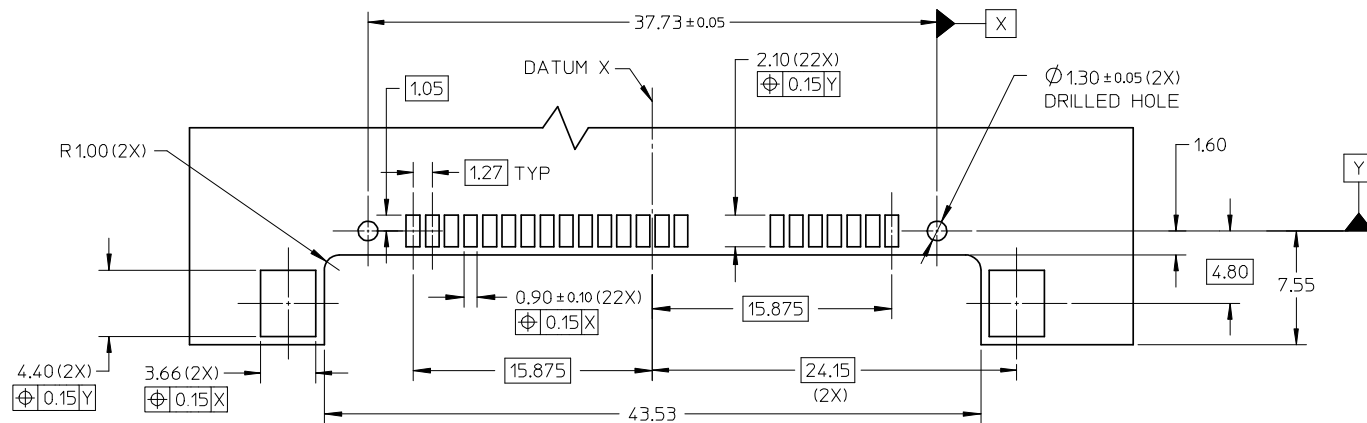
SFF-8482 RECEPTACLE SERIES: 87824, 87839, 87863, 87970



ADD OPTION EC NO: S2008-0978 DRWN:YKH CHKD: ITAN02 APPR:BOYOK REV B5	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY RSHAN	DATE 2002/11/18	TITLE SERIAL ATA PLUG 2.5 INCH HDD					
			4 PLACES	± ---	± ---	CHECKED BY KCLING	DATE 2002/12/18						
			3 PLACES	± ---	± ---	APPROVED BY SKTOH		DATE 2002/12/18	MOLEX INCORPORATED				
			2 PLACES	± 0.20	± ---								
			1 PLACE	± ---	± ---								
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-87703-002		1 OF 4						
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										



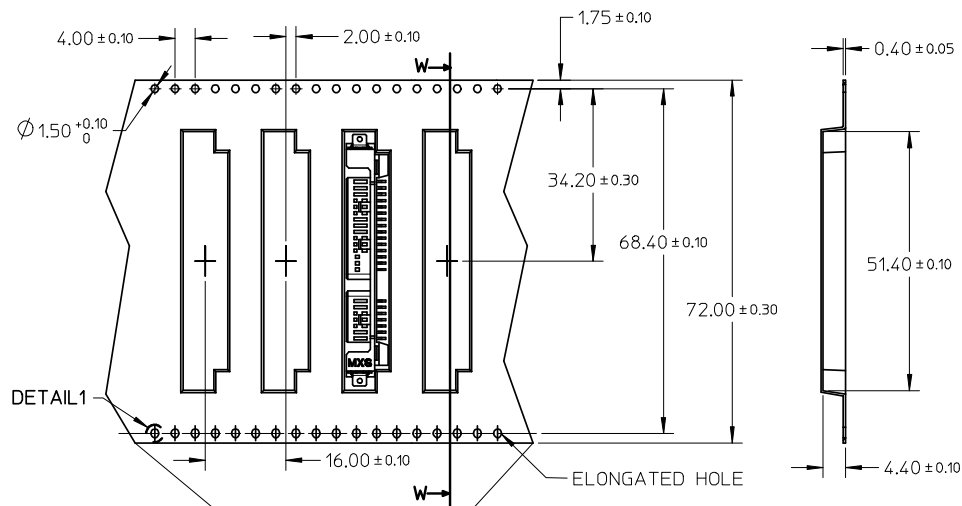
ADD OPTION EC NO: S2008-0978 DRWN:YKOH CHKD:JTAN02 APPR:BOKOK B5	2008/04/24 2008/04/24 2008/04/24	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						DRAWN BY RSHAN	DATE 2002/11/18	TITLE SERIAL ATA PLUG 2.5 INCH HDD			
						CHECKED BY KCL ING	DATE 2002/12/18				
						APPROVED BY SKTOH	DATE 2002/12/18	 MOLEX INCORPORATED			
						ANGULAR ± 3 °					MATERIAL NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-87703-002			2 OF 4
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						SIZE A3					



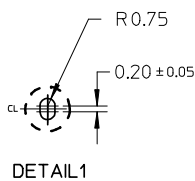
RECOMMENDED PCB LAYOUT
PCB THICKNESS : 0.50±0.08

ADD OPTION	EC NO: S2008-0978 2008/04/24 DRWN:YKOH CHKD:JTAN02 APPR:BOKOK 2008/04/24	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				4 PLACES 3 PLACES 2 PLACES 1 PLACE	mm	INCH	DRAWN BY RSHAN	DATE 2002/11/18	TITLE SERIAL ATA PLUG 2.5 INCH HDD	
					± ---	± ---	CHECKED BY KCLING	DATE 2002/12/18		
					± ---	± ---	APPROVED BY SKTOH	DATE 2002/12/18		
					± 0.20	± ---	MOLEX INCORPORATED			
REV	B5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87703-002		SHEET NO. 3 OF 4	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

TAPE & REEL PACKAGING



SECTION W-W

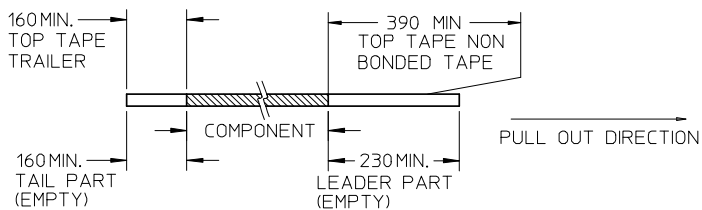


CUSTOMER PULL OUT DIRECTION

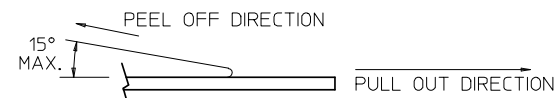
REEL

NOTES:

1. LEADER AND TRAILER TAPE

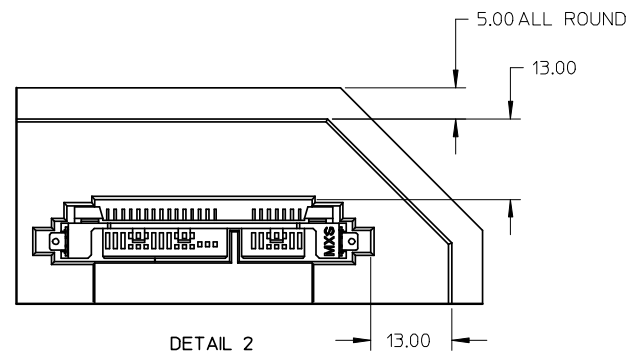
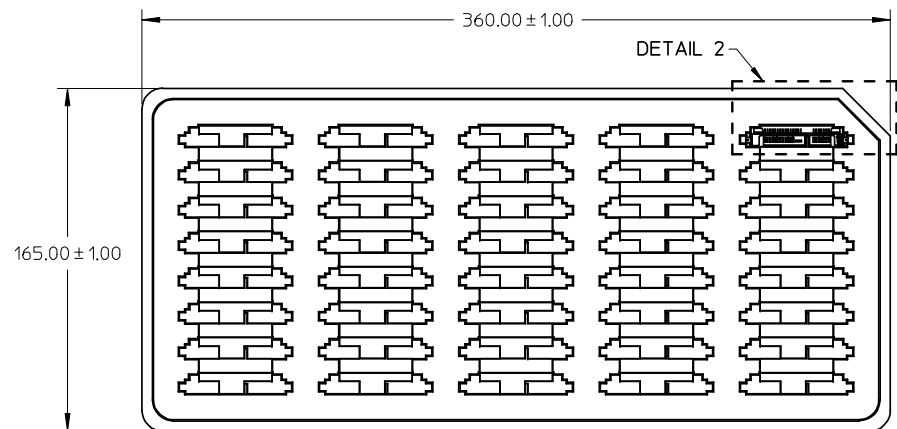


2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 60gf. (PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



- TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
- TAPE AND REEL QUANTITY : 850 PCS/ REEL.
- THE TAPE IS TREATED FOR ANTI-STATIC.

TRAY PACKAGING



DETAIL 2

ADD OPTION		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: S2008--0978		DRWN:YKH		2008/04/24		mm		MM ONLY		NTS		METRIC			
CHKD: TAN02		2008/04/24		=0		INCH		DRAWN BY		DATE		SERIAL ATA PLUG 2.5 INCH HDD			
APPR: BOK0K		2008/04/24		=0		4 PLACES		RSHAN		2002/11/18					
						3 PLACES		CHECKED BY		DATE					
						2 PLACES		KCL ING		2002/12/18					
						1 PLACE		APPROVED BY		DATE		 MOLEX INCORPORATED			
						ANGULAR ± 3 °		SKTOH		2002/12/18					
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
								SEE TABLE		SD-87703-002		4 OF 4			
B5		REV						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					