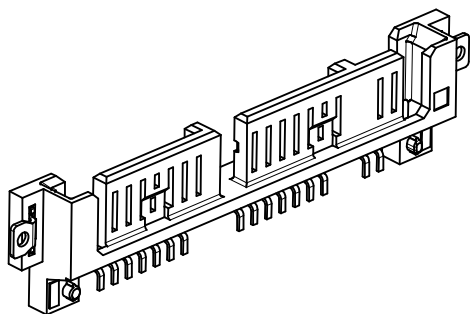
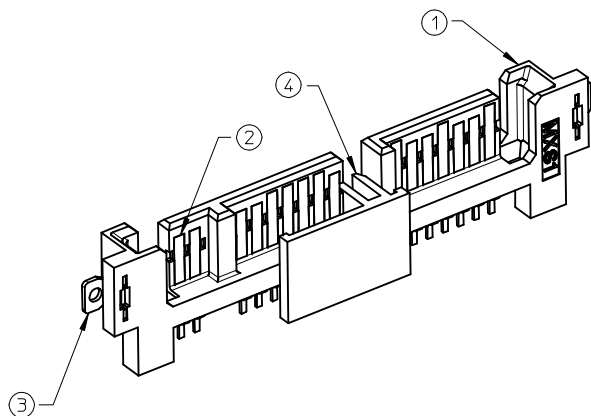


TABLE 2: PART NUMBER

PART NUMBER	CAP	PACKAGING
78285-0001	NO	TRAY
78285-0021	YES	TAPE & REEL



NO.	PART NAME	QTY.	MATERIAL
1	HOUSING	1	LIQUID CRYSTAL POLYMER (LCP), GLASS FILLED, UL 94V-0, COLOUR: BLACK.
2	TERMINAL	16	COPPER ALLOY
3	SOLDER TAB	2	COPPER ALLOY
4	CAP	1	NYLON 46, GLASS FILLED, COLOUR: BLACK.

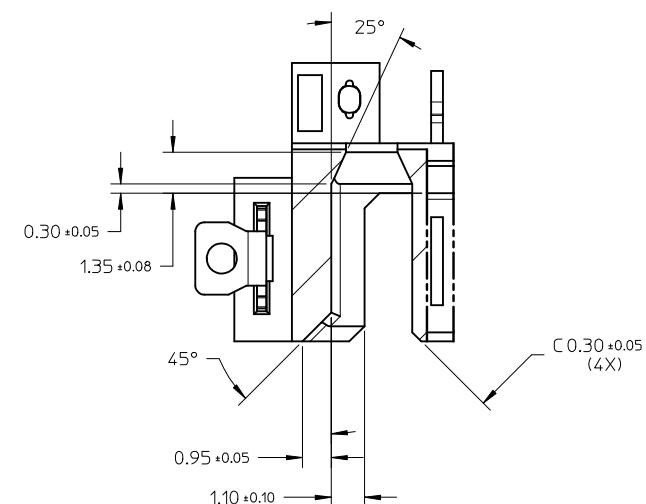
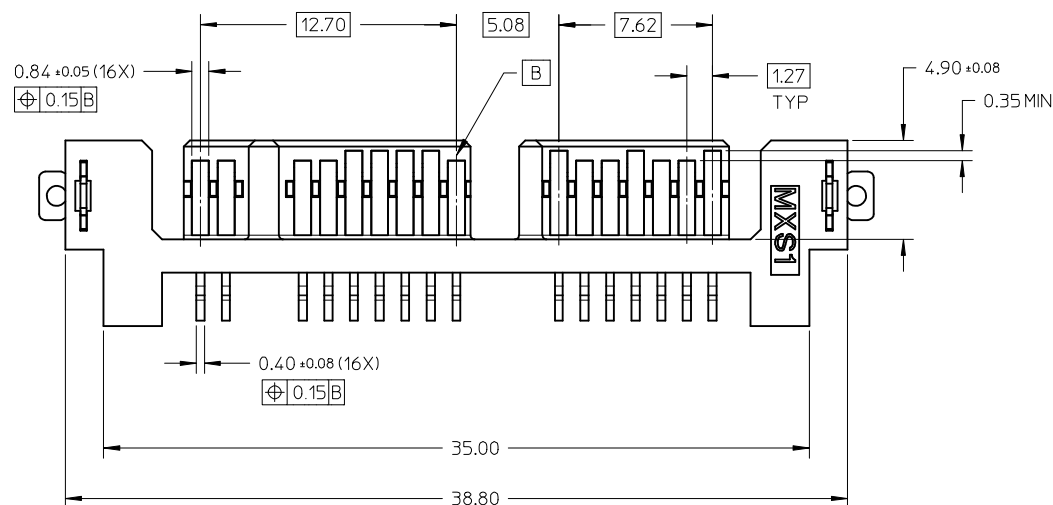
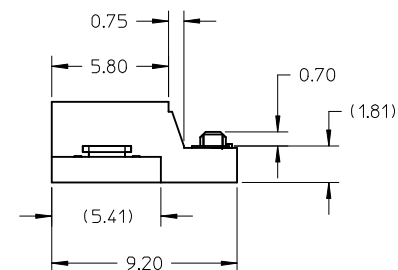
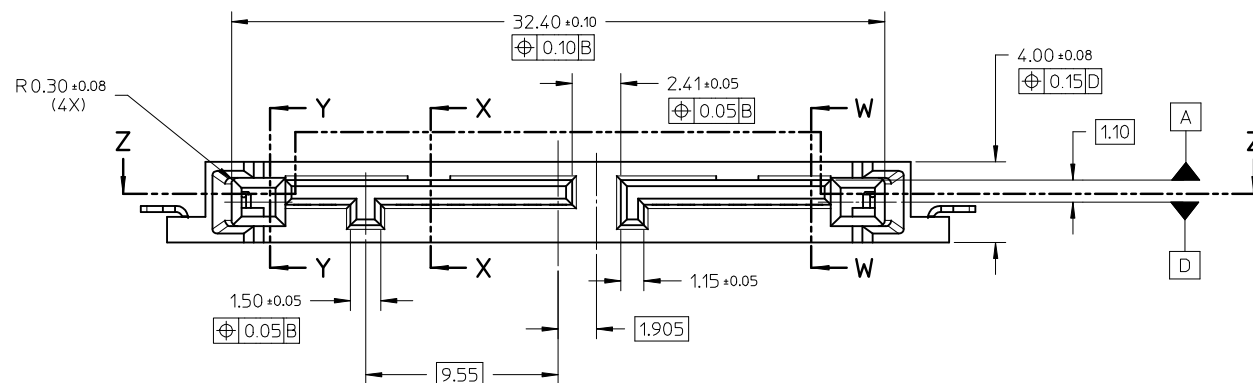
NOTES:

1. MATERIAL: REFER TO THE ABOVE PART LIST
2. PLATING SPECIFICATION: REFER TO TABLE 1
3. PRODUCT SPECIFICATION: PS-78285-002
4. PACKAGING SPECIFICATION: REFER TO TABLE 2
5. PRODUCT CONFORMS TO SERIAL ATA SPECIFICATION
6. PRODUCT IS COMPLIANT TO RoHS DIRECTIVE WITH THE FOLLOWING BANNED SUBSTANCES - LEAD, MERCURY, CADMIUM, HEXAVALENT CHROMIUM, POLYBROMINATED BIPHENYLS AND POLYBROMINATED DIPHENYLS ETHERS
7. NON FUNCTIONAL CORING MAY VARY FROM DRAWING

TABLE 1: PLATING SPECIFICATION

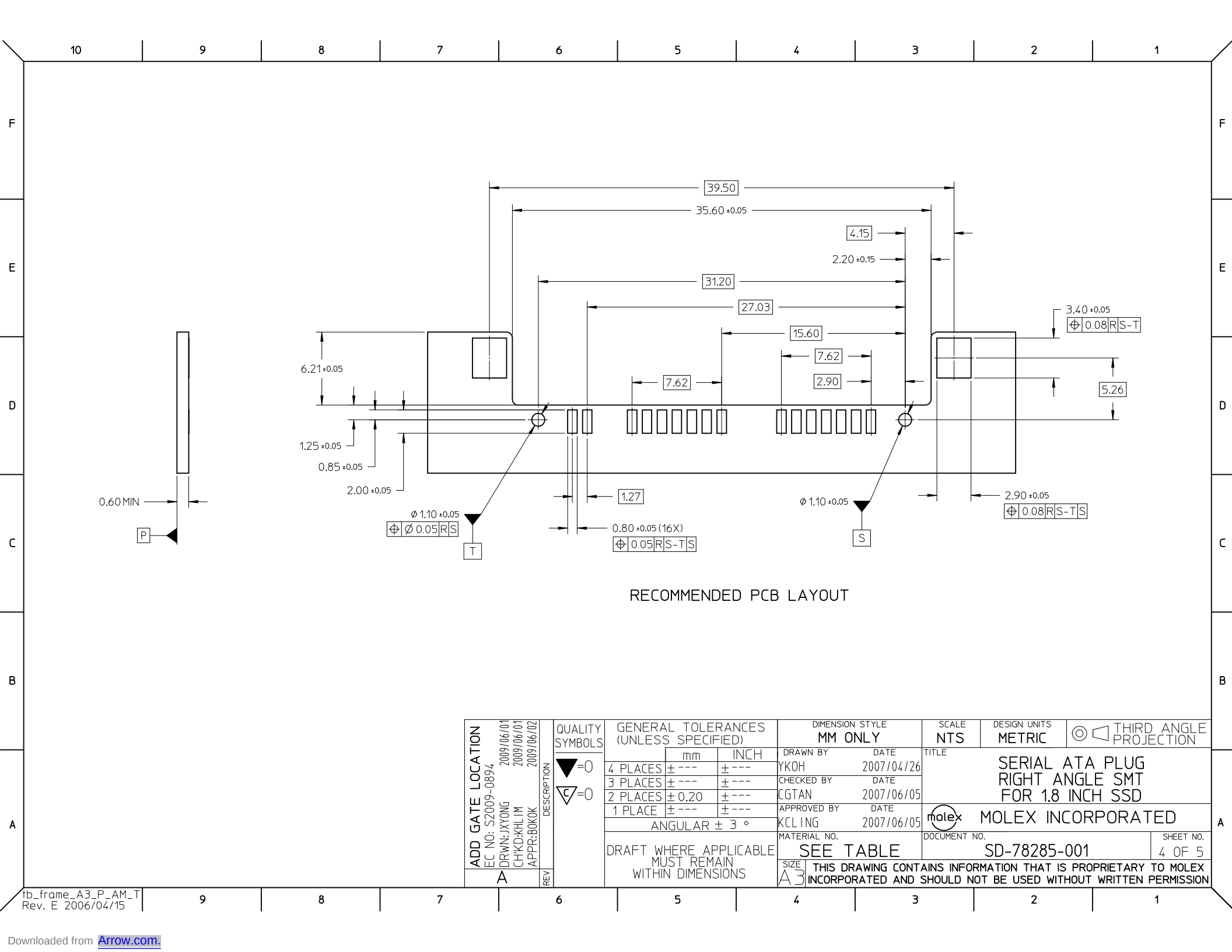
PART NAME	MATING AREA	SOLDER TAIL AREA	OTHER AREAS
TERMINAL	GOLD (0.76um MIN.)	GOLD FLASH (0.05um MIN.)	NICKEL PLATING
	OVER NICKEL (1.27um MIN.) UNDERPLATE		
SOLDER TAB	TIN (2.54um MIN.) OVER NICKEL (1.27um MIN.) UNDERPLATE		NICKEL PLATING

ADD GATE LOCATION EC NO: S2009-0894 DRWN: JYONG CHKD: KHLIM APPR: BOKOK A	DESCRIPTION 2009/06/01 2009/06/01 2009/06/02	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY YKOH	DATE 2007/04/26	TITLE SERIAL ATA PLUG RIGHT ANGLE SMT FOR 1.8 INCH SSD					
					CHECKED BY CGTAN	DATE 2007/06/05						
					APPROVED BY KCLING	DATE 2007/06/05						MOLEX INCORPORATED
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78285-001		1 OF 5			
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



PARTIAL1
OF SECTION Z-Z

ADD GATE LOCATION EC NO: S2009-0894 DRWN: JXYONG CHKD: KHLIM APPR: BOKOK 2009/06/01 2009/06/01 2009/06/02	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					DRAWN BY YKOH	DATE 2007/04/26	TITLE SERIAL ATA PLUG RIGHT ANGLE SMT FOR 1.8 INCH SSD		
					CHECKED BY CGTAN	DATE 2007/06/05			
					APPROVED BY KCLING	DATE 2007/06/05			
					MOLEX INCORPORATED				
					DOCUMENT NO.		SHEET NO. 2 OF 5		
					SD-78285-001				
					SEE TABLE				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



RECOMMENDED PCB LAYOUT

ADD GATE LOCATION EC NO: S2009-0894 DRWN: JYONG CHKD: KHLIM APPR: BOKOK		QUALITY SYMBOLS ▽=0 C=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 DATE YKOH 2007/04/26 CHECKED BY DATE CGTAN 2007/06/05 APPROVED BY DATE KCLING 2007/06/05		SCALE NTS		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
						TITLE SERIAL ATA PLUG RIGHT ANGLE SMT FOR 1.8 INCH SSD							
						MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-78285-001		SHEET NO. 4 OF 5			
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		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

F

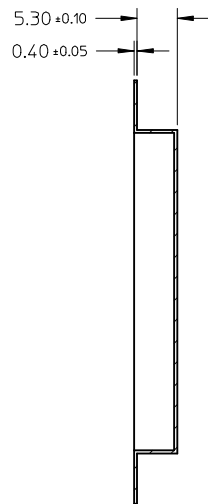
E

D

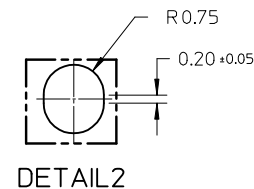
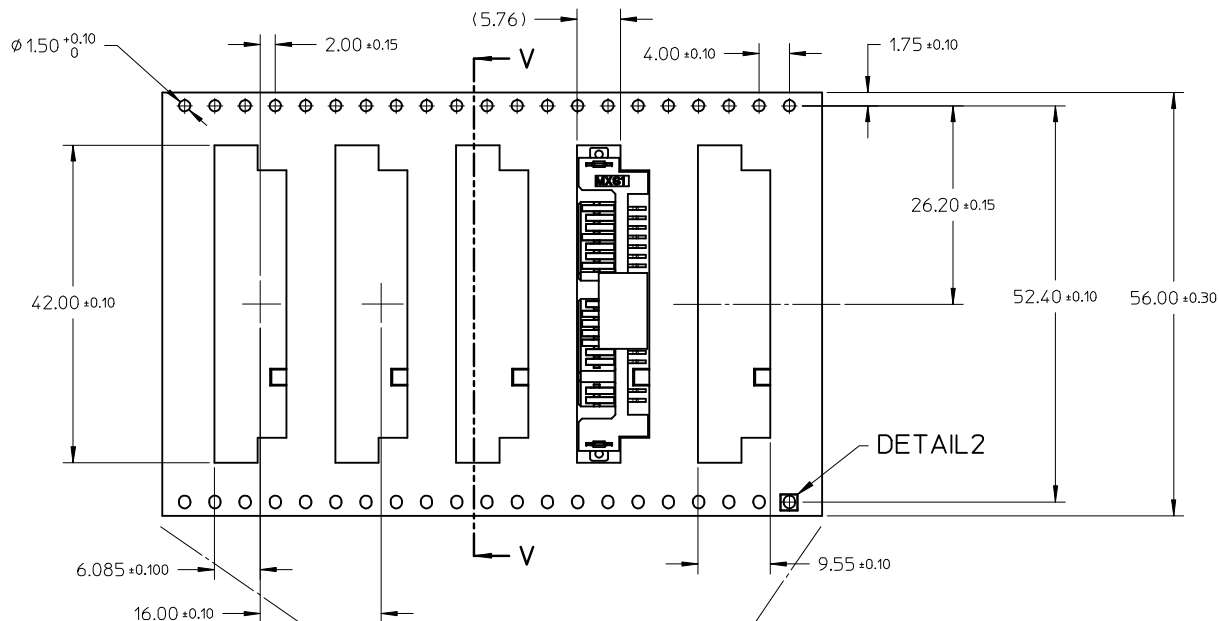
C

B

A

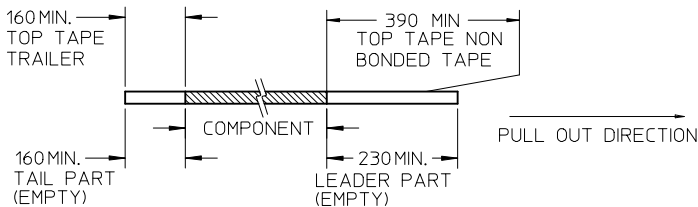


SECTION V-V

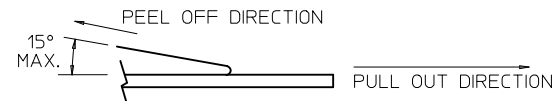


NOTES:

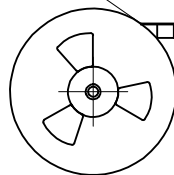
1. LEADER AND TRAILER TAPE



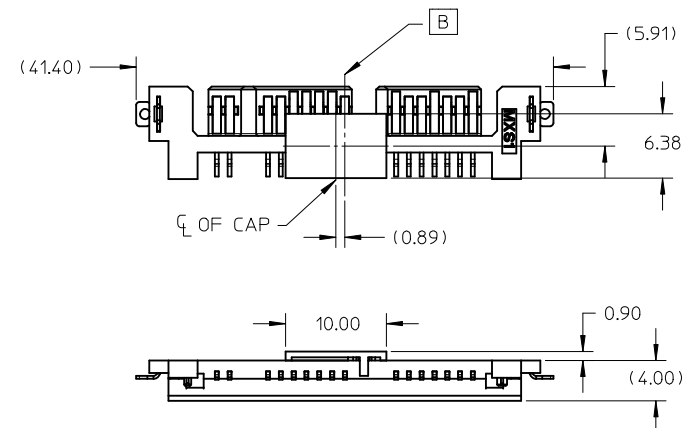
2. PEELING OFF FORCE OF THE TOP TAPE: 20 - 80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
4. TAPE AND REEL QUANTITY : 750 PCS/ REEL.
5. THE TAPE IS TREATED FOR ANTI-STATIC.



PULL OUT DIRECTION



ADD GATE LOCATION EC NO: S2009-0894 DRWN: JYONG CHKD: KHLIM APPR: BOKOK	2009/06/01 2009/06/01 2009/06/02	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 YKOH	DATE 2007/04/26	TITLE SERIAL ATA PLUG RIGHT ANGLE SMT FOR 1.8 INCH SSD		
				4 PLACES	± ---	± ---	CHECKED BY CGTAN	DATE 2007/06/05			
				3 PLACES	± ---	± ---	APPROVED BY KCLING	DATE 2007/06/05			
				2 PLACES	± 0.20	± ---	MOLEX MOLEX INCORPORATED				
				1 PLACE	± ---	± ---					
ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE		SD-78285-001		5 OF 5			
A	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

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