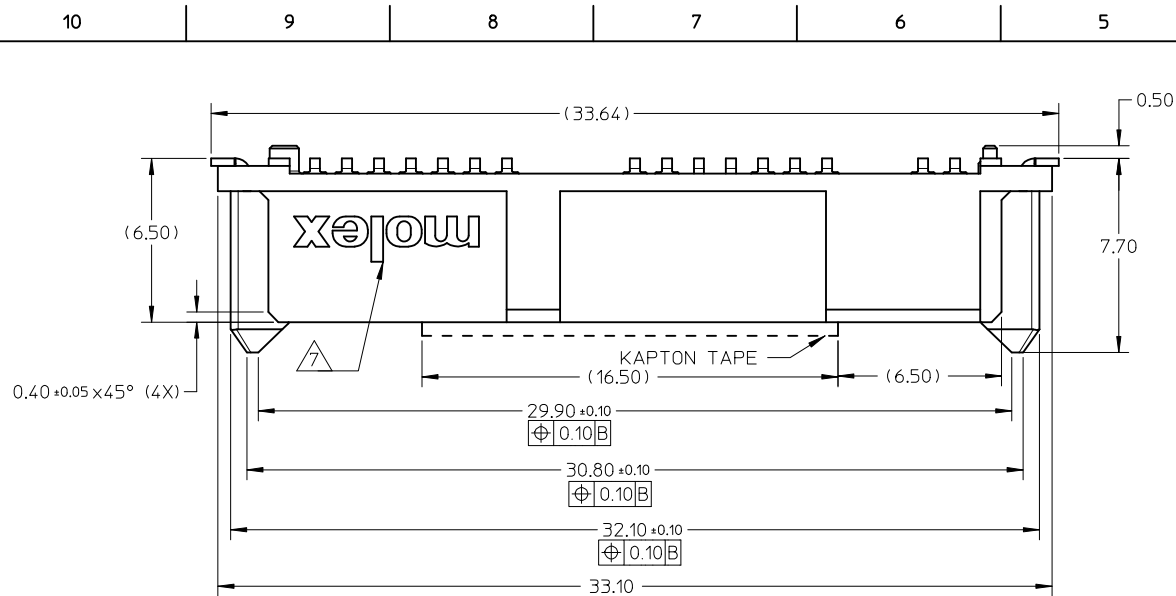




NOTES:

1. MATERIAL :

HOUSING: LCP, GLASS FILLED, UL 94V-0, BLACK
 TERMINAL/SOLDER TAB : COPPER ALLOY

2. PLATING :

TERMINAL :

- CONTACT :0.76 μ m MIN. SELECTIVE GOLD OVER
 1.27 μ m MIN. NICKEL UNDERPLATE
- SOLDER TAIL :2.54 μ m MIN. TIN OVER
 1.27 μ m MIN. NICKEL UNDERPLATE

SOLDER TAB : 2.54 μ m MIN. TIN OVER

1.91 μ m MIN. NICKEL UNDERPLATE

3. PRODUCT SPECIFICATION : PS-78500-001

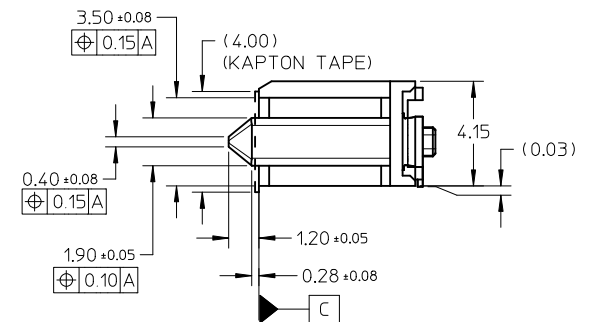
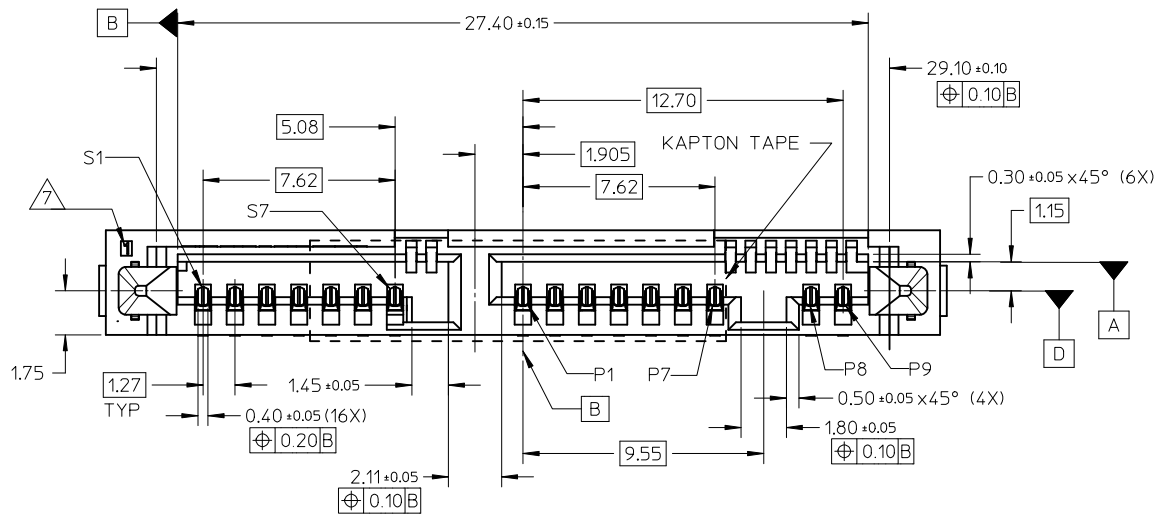
4. PACKAGING SPECIFICATION : PK-78500-001

5. MATES WITH : MOLEX MICRO SATA PLUG

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

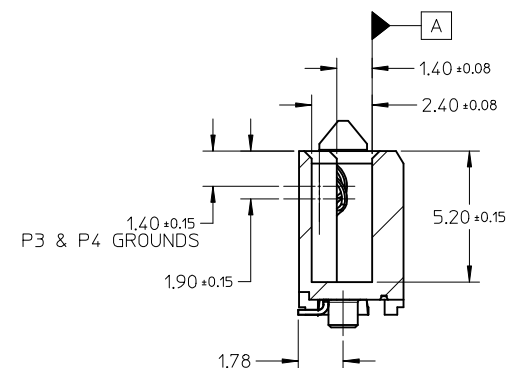
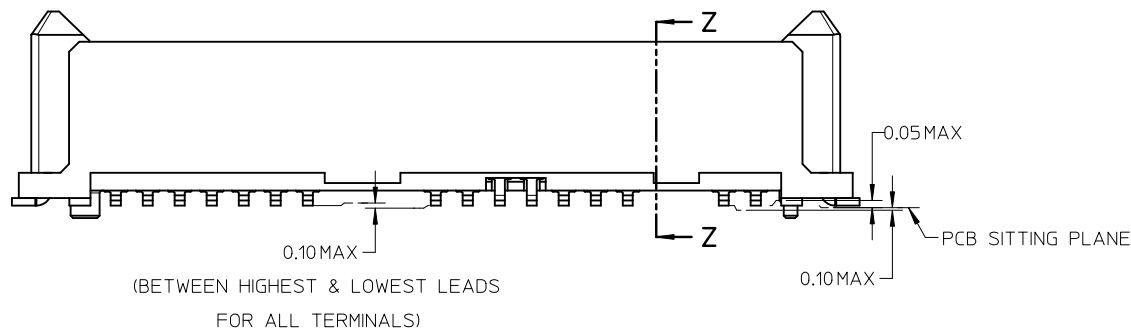
7. MOLEX LOGO AND CAVITY NUMBER LOCATED APPROXIMATELY AS SHOWN

8. NON FUNCTIONAL CORING MAY VARY

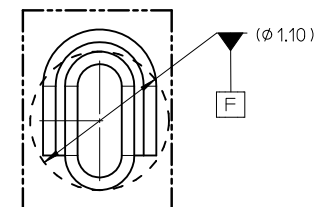
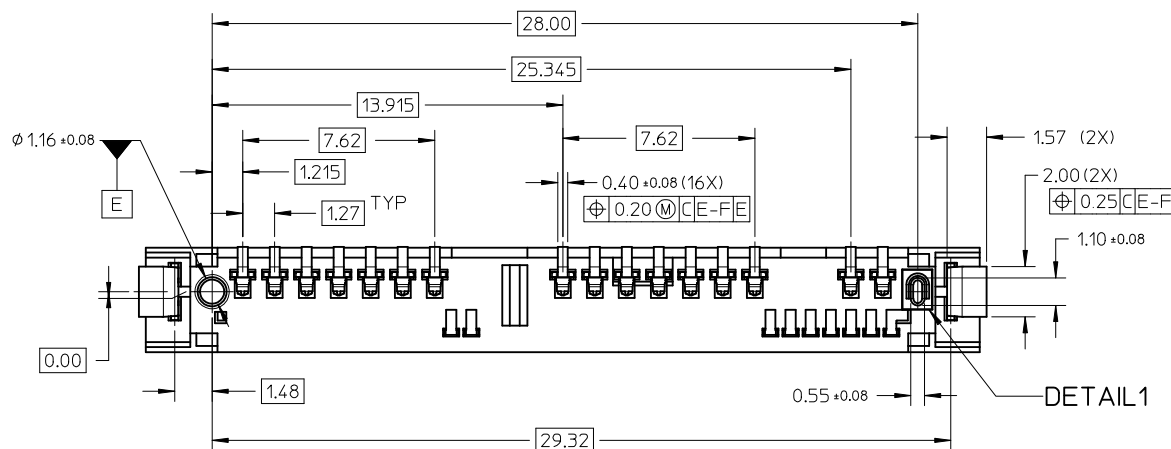


CHANGE PCS/REEL EC NO: S2010-0549 DRWN:WJAP CHKD:GMENARLY APPR:BOKOK A1	2010/01/08 2010/01/08 2010/01/08	DESCRIPTION	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MICRO SATA RECEPTACLE VERTICAL SMT 1.8 INCH SSD/HDD  MOLEX INCORPORATED
					mm	INCH	DRAWN BY GMENARLY	DATE 2009/04/06	DOCUMENT NO. SD-78500-001	SHEET NO. 1 OF 4	
				4 PLACES	± ---	± ---	CHECKED BY	DATE			
				3 PLACES	± ---	± ---	CGOH	2009/04/16			
				2 PLACES	± 0.20	± ---	APPROVED BY	DATE			
				1 PLACE	± ---	± ---	BOKOK	2009/04/16			
				ANGULAR ± 3 °		MATERIAL NO. 78500-0001					
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								

10 9 8 7 6 5 4 3 2 1



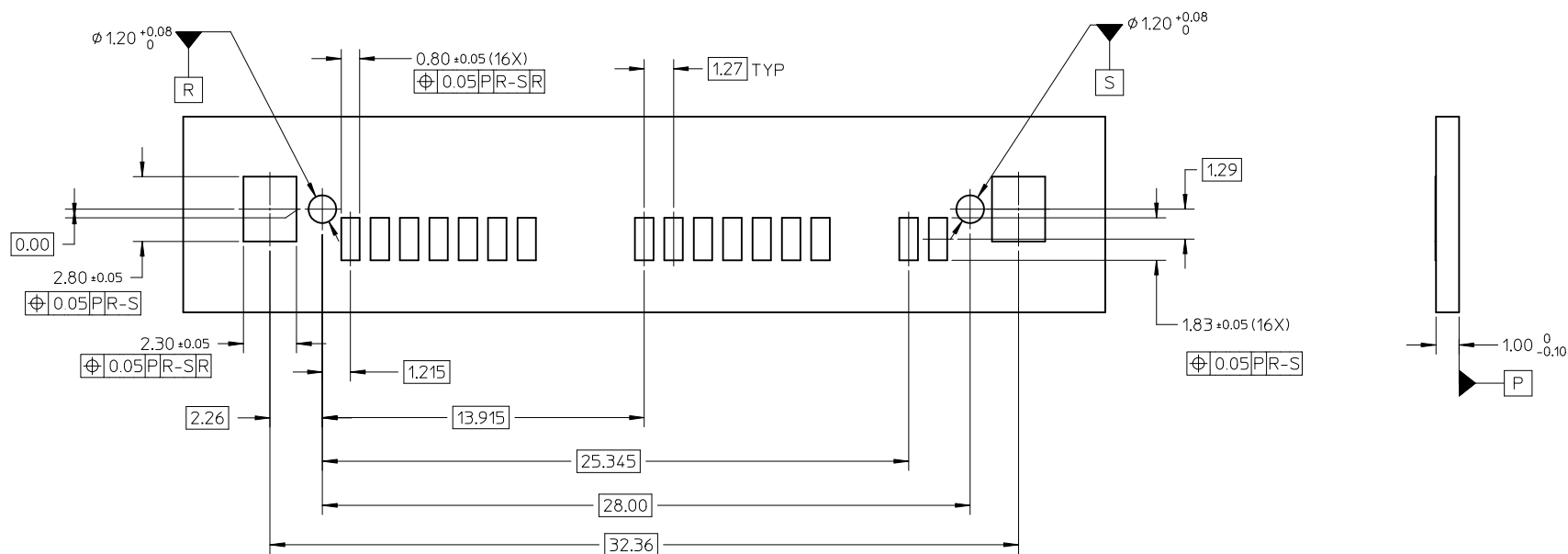
SECTION Z-Z



DETAIL 1

CHANGE PCS/REEL		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
EC NO: S2010-0549		F _A =0		mm		MM ONLY		NTS		METRIC		⊙	
DRWN:WJAP		F _B =0		INCH		DRAWN BY		DATE		MICRO SATA RECEPTACLE VERTICAL SMT 1.8 INCH SSD/HDD MOLEX INCORPORATED			
CHKD:GMENARLY		F _C =0		4 PLACES ± --- ± ---		CHECKED BY		DATE					
APPR:BOKOK		F _D =0		3 PLACES ± --- ± ---		CGOH		DATE					
REV		DESCRIPTION		2 PLACES ± 0.20 ± ---		APPROVED BY		DATE					
A1				1 PLACE ± --- ± ---		BOKOK		DATE					
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		2 OF 4	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		78500-0001		SD-78500-001					
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						A3							

9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT

CHANGE PCS/REEL EC NO: S2010-0549 DRWN:WJAP CHKD:GMENARLY APPR:BOKOK A1	DESCRIPTION REV	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm INCH		DRAWN BY DATE		TITLE MICRO SATA RECEPTACLE VERTICAL SMT 1.8 INCH SSD/HDD				
			4 PLACES ± --- ± ---		GMENARLY 2009/04/06						
			3 PLACES ± --- ± ---		CHECKED BY DATE						
			2 PLACES ± 0.20 ± ---		CGOH 2009/04/16		MOLEX INCORPORATED				
			1 PLACE ± --- ± ---		APPROVED BY DATE						
ANGULAR ± 3 °		BOKOK 2009/04/16		MATERIAL NO. 78500-0001		DOCUMENT NO. SD-78500-001		SHEET NO. 3 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							

10 9 8 7 6 5 4 3 2 1

F

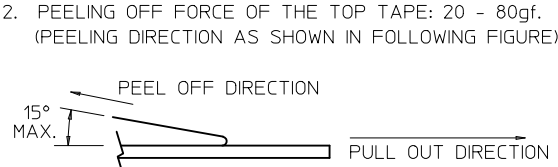
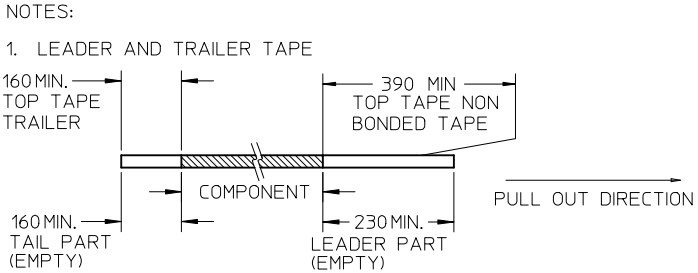
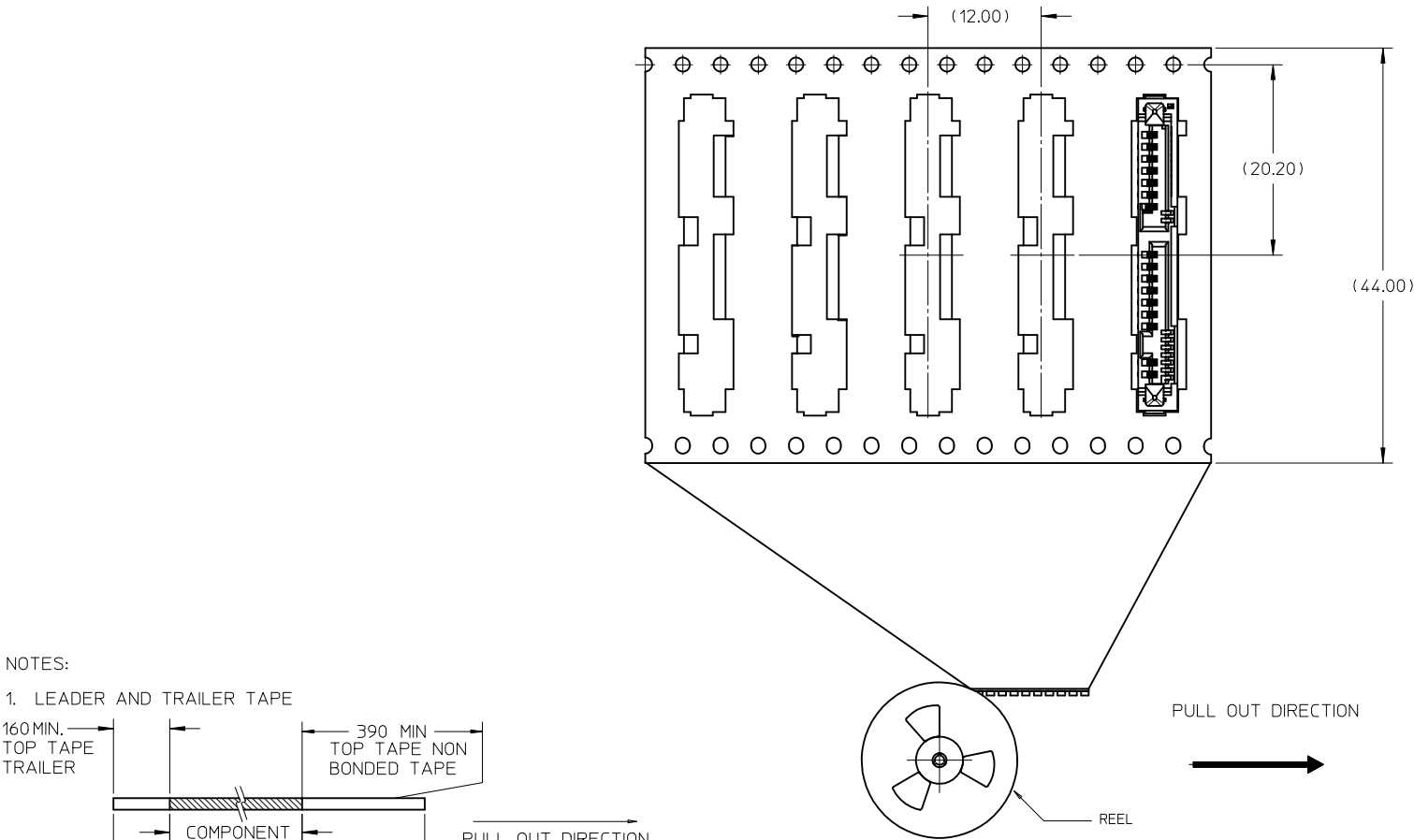
E

D

C

B

A



- TAPE AND REEL SPECIFICATION IS AS PER EIA-481.
- TAPE AND REEL QUANTITY : 450 PCS/ REEL.
- THE TAPE IS TREATED FOR ANTI-STATIC.

CHANGE PCS/REEL EC NO: S2010-0549 DRWN:WJAP CHKD:GMENARLY APPR:BOKOK A1	DESCRIPTION 2010/01/08 2010/01/08 2010/01/08	QUALITY SYMBOLS F_A=0 F_C=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY GMENARLY	DATE 2009/04/06	TITLE MICRO SATA RECEPTACLE VERTICAL SMT 1.8 INCH SSD/HDD  MOLEX INCORPORATED		
			4 PLACES	± ---	± ---	CHECKED BY CGOH	DATE 2009/04/16			
			3 PLACES	± ---	± ---	APPROVED BY BOKOK	DATE 2009/04/16			
			2 PLACES	± 0.20	± ---	MATERIAL NO. 78500-0001				DOCUMENT NO. SD-78500-001
			1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NO. 4 OF 4
		ANGULAR ± 3 °								
REV										

9 8 7 6 5 4 3 2 1