



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



10	9	8	7	6	5	4	3	2	1
PART NUMBER									
PACKING WITH TAPE AND REEL		PACKAGING WITH PACKAGING TRAY							
78011-0011		78011-0111							

NO.	PART NAME	QTY.	MATERIAL
1	HOUSING	1	NYLON(IPA), UL 94V-0, COLOR: BLACK
2	CONTACT A	22	COPPER ALLOY
3	CONTACT B	0	-----
4	FITTING-NAIL	2	COPPER ALLOY
5	PICK & PLACE CAP	1	PA46, UL 94V-0, COLOR: BLACK.

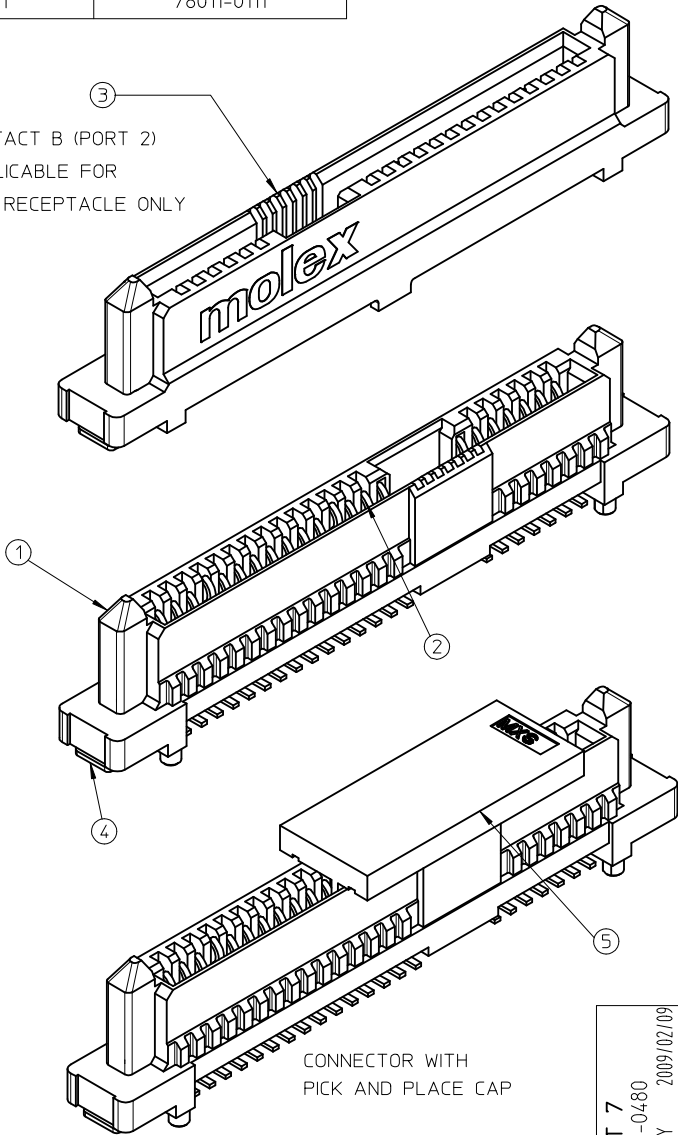
CONTACT B (PORT 2)
APPLICABLE FOR
SAS RECEPTACLE ONLY

NOTES:

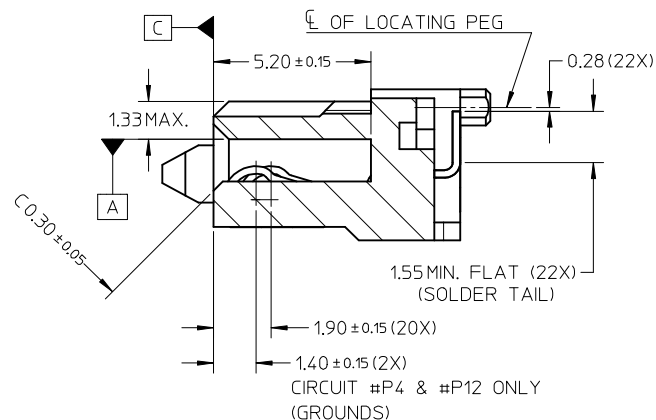
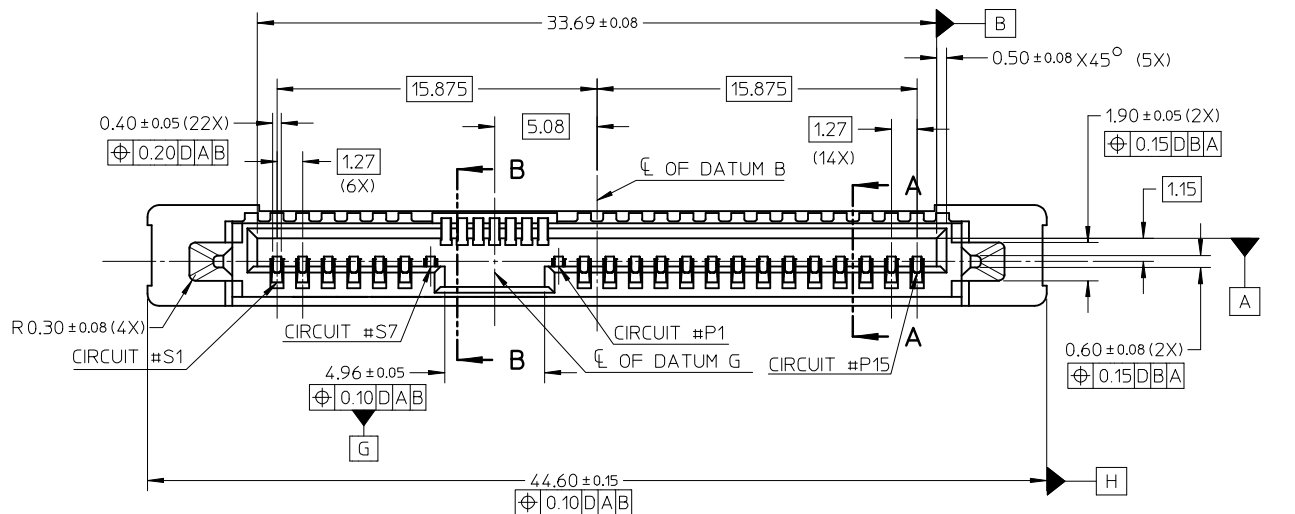
1. MATERIAL: REFER TO ABOVE PART-LIST.
2. PLATING SPECIFICATION: REFER TO TABLE-1.
3. APPLICABLE INDUSTRY SPECIFICATION : SERIAL ATA WORKGROUP.
4. PRODUCT SPECIFICATION: PS-78011-002.
5. PACKING: REFER TO PACKING INFORMATION (SHEET 6/6).
6. DATE CODE FORMAT: YEAR & DAY OF MANUFACTURE.
7. MOLEX LOGO IS LOCATED APPROXIMATELY AS SHOW.
8. MAXIMUM WARPAGE OF 0.13MM OVER THE LENGTH OF THE CONNECTOR IN ANY DIRECTION BEFORE AND AFTER EXPOSURE TO MAX. 260°C FOR 10 SECONDS.
9. THIS SATA RECEPTACLE CAN BE CONVERTED TO A SAS RECEPTACLE IF FILLED WITH PORT 2 TERMINALS.

TABLE-1: (CONTACTS AND FITTING-NAIL PLATING SPECIFICATION)

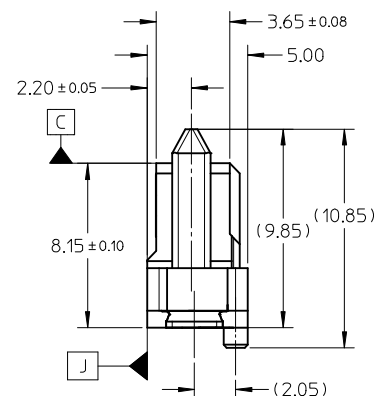
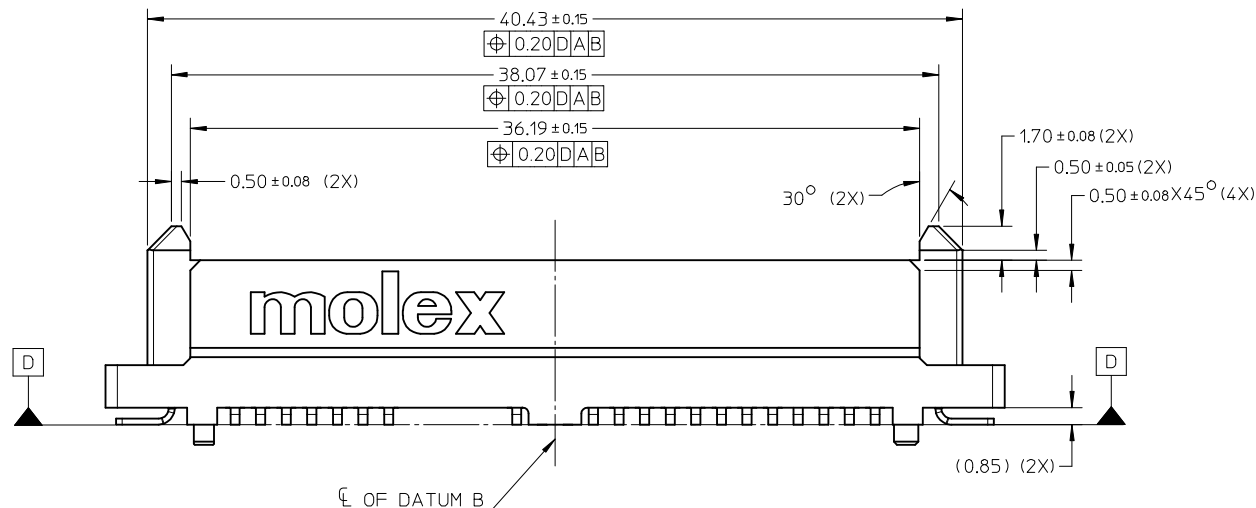
PART NAME	MATING AREA	TERMINAL AREA	OTHERS AREA
CONTACT	SELECTIVE GOLD (0.76μm MIN.)	TIN (2.54μm MIN.)	NICKEL PLATING
	OVER 1.27μm MIN. NICKEL UNDERPLATE		
FITTING-NAIL	TIN OVER NICKEL PLATING		



SEE SHEET 7 EC NO: S2009-0480 DRWN:GEMARLY 2009/02/09 CHKD:CGOH 2009/02/09 APPR:BOKOK 2009/02/12	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	DATE	TITLE SERIAL ATA RECEPTACLE VERTICAL MOUNT SMT				
			4 PLACES	± ---	± ---	CGTAN	2005/11/10					
			3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED				
			2 PLACES	± 0.20	± ---	SHONG	2005/11/24					
			1 PLACE	± ---	± ---	APPROVED BY	DATE	SD-78011-101				
			ANGULAR ± 3 °		KCLING	2005/11/24						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
					SEE TABLE		SD-78011-101		1 OF 7			
					SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

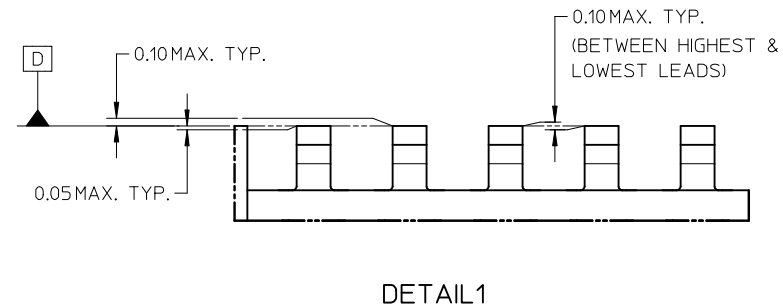
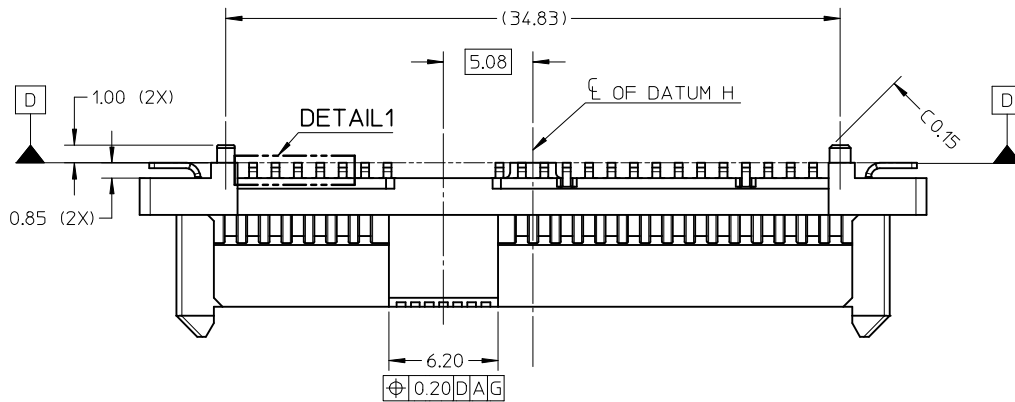
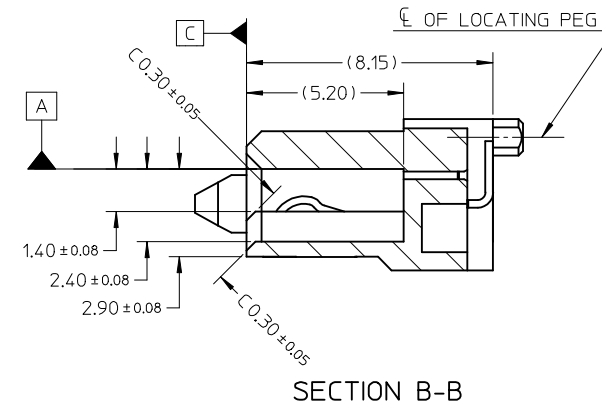
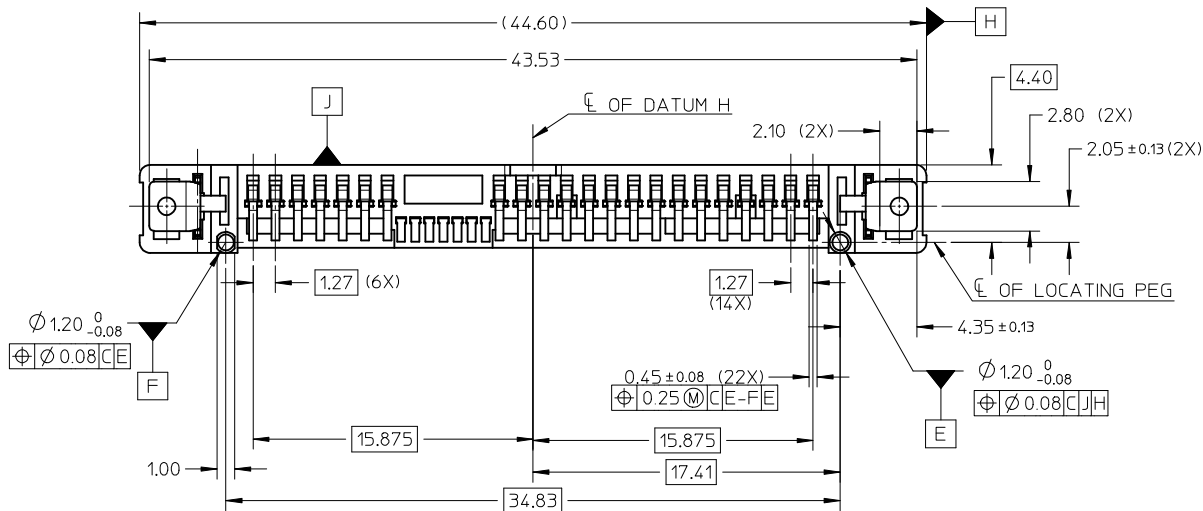


SECTION A-A



SEE SHEET 7 EC NO: S2009-0480 DRWNG:GEMARLY CHKD:CGOH APPR:BOKOK	2009/02/09 2009/02/09 2009/02/12	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	SERIAL ATA RECEPTACLE VERTICAL MOUNT SMT MOLEX INCORPORATED SD-78011-101		SHEET NO. 2 OF 7
						DRAWN BY DATE		TITLE					
						CGTAN 2005/11/10							
						CHECKED BY DATE							
						SHONG 2005/11/24							
						APPROVED BY DATE							
		KCLING 2005/11/24											
		MATERIAL NO.		DOCUMENT NO.									
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE									
				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



SEE SHEET 7 EC NO: S2009-0480 DRAWN:GEMARLY CHKD:CGOH APPR:BOKOK	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					DRAWN BY CGTAN	DATE 2005/11/10	TITLE SERIAL ATA RECEPTACLE VERTICAL MOUNT SMT			
					CHECKED BY SHONG	DATE 2005/11/24				
					APPROVED BY KCLING	DATE 2005/11/24	MOLEX INCORPORATED			
					MATERIAL NO.					
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78011-101	

B	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
		SIZE A3									

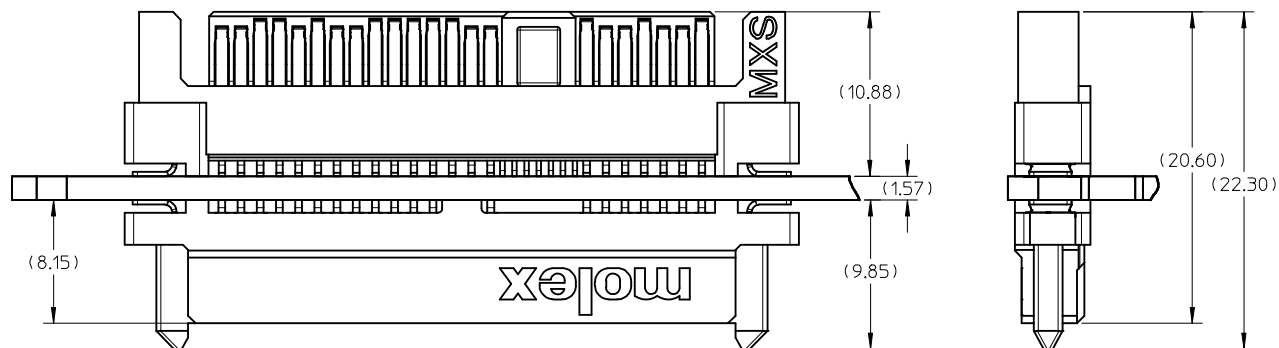
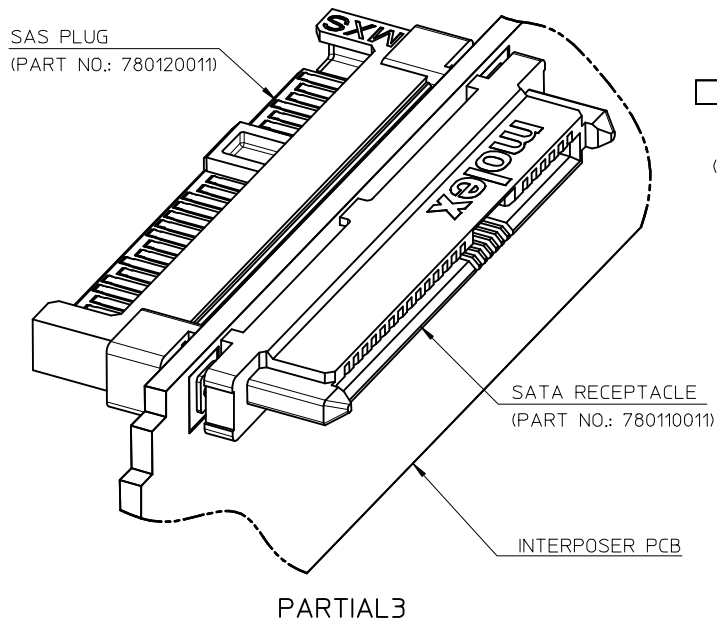
9 8 7 6 5 4 3 2 1

1. REFER TO SD-78012-101
FOR HOLES B DETAIL DIMENSIONS.



tb_frame_A3_P_AM_T
Rev. E 2006/04/15

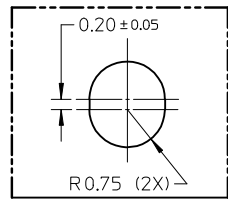
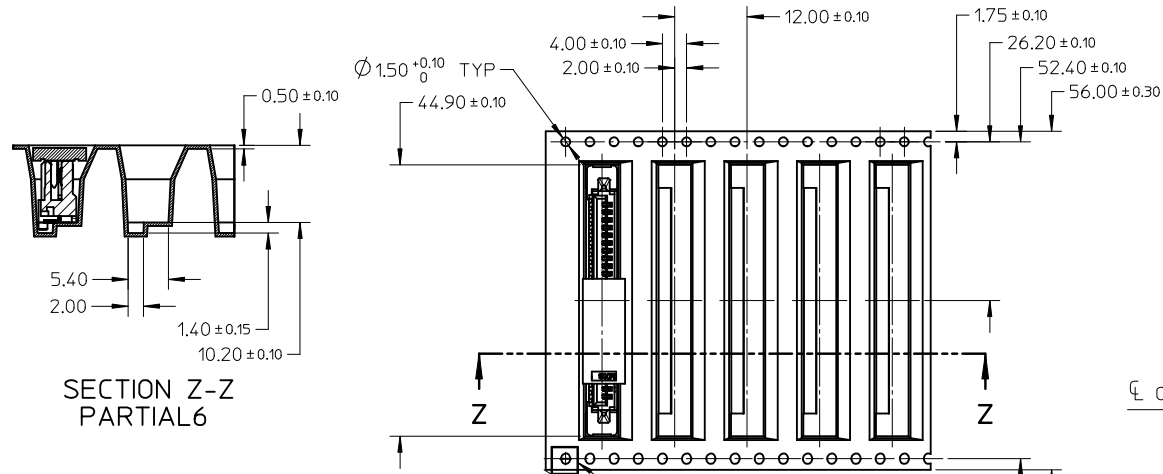
- NOTES:
1. APPLICATION AS SHOWN IN SHEET 5/7.
 2. REFER TO SD-78012-101 FOR THE DETAILS OF SAS PLUG.



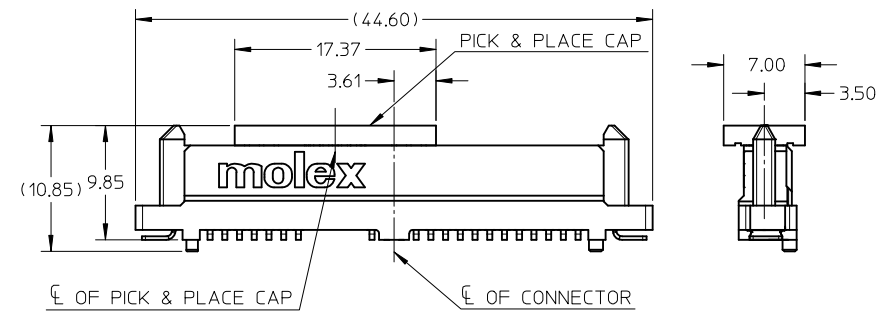
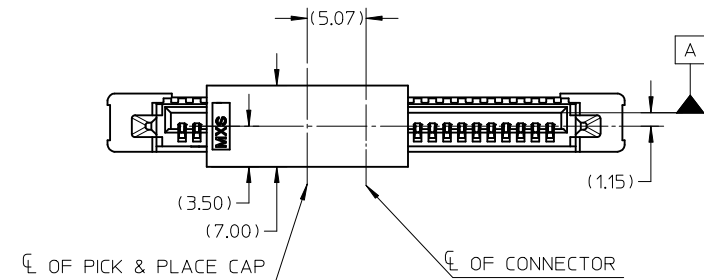
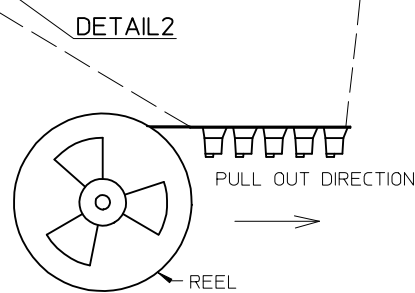
SEE SHEET 7 EC NO: S2009-0480 DRWNG:GEMARLY CHKD:CGOH APPR:BOKOK	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					DRAWN BY CGTAN	DATE 2005/11/10	TITLE SERIAL ATA RECEPTACLE VERTICAL MOUNT SMT						
					CHECKED BY SHONG	DATE 2005/11/24							
					APPROVED BY KCLING	DATE 2005/11/24						MOLEX INCORPORATED	
			ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78011-101					5 OF 7	
					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

PACKING INFORMATION
TAPE AND REEL PACKING

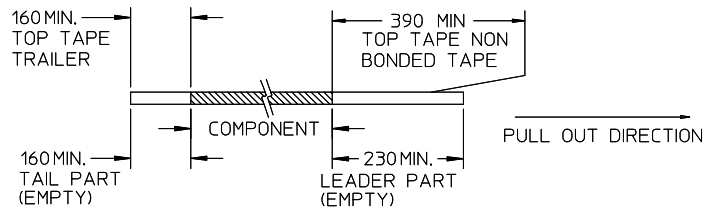


DETAIL2

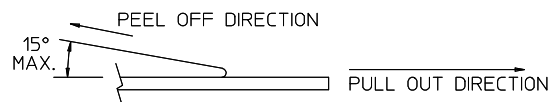


NOTES:

1. LEADER AND TRAILER TAPE



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



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

SEE SHEET 7
EC NO: S2009-0480
DRWN:GEMARLY
CHKD:CGOH
APPR:BOKOK
2009/02/09
2009/02/09
2009/02/12

QUALITY SYMBOLS
▽=0
▽=0

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
CGTAN	2005/11/10
CHECKED BY	DATE
SHONG	2005/11/24
APPROVED BY	DATE
KCLING	2005/11/24
MATERIAL NO.	
SEE TABLE	
SIZE	A3

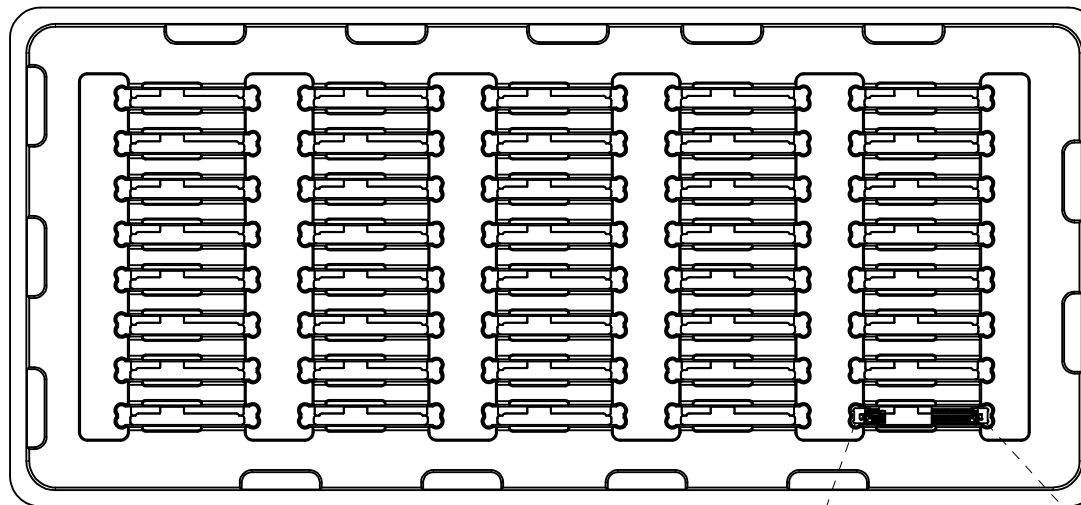
SCALE NTS		DESIGN UNITS METRIC		 THIRD ANGLE PROJECTION	
TITLE					
SERIAL ATA RECEPTACLE VERTICAL MOUNT SMT					
 MOLEX INCORPORATED					
DOCUMENT NO.					SHEET NO.
SD-78011-101					6 OF 7
THIS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

PACKING INFORMATION

PACKING WITH TRAY



PART ORIENTATION IN TRAY

NOTES:

1. TRAY MATERIAL: 0.70mm THICKNESS (BEFORE FORMING), APET-CLEAR, ANTISTATIC.
2. PACKING QUANTITY: 40PCS/TRAY.

CHANGED TRAY EC NO: S2009-0480 DRAWN:GMENARLY CHKD:CGOH APPR:BOKOK	2009/02/09 2009/02/09 2009/02/12	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE SERIAL ATA RECEPTACLE VERTICAL MOUNT SMT				
					mm	INCH	DRAWN BY CGTAN	DATE 2005/11/10	MOLEX MOLEX INCORPORATED						
				4 PLACES	± ---	± ---	CHECKED BY SHONG	DATE 2005/11/24							
				3 PLACES	± ---	± ---	APPROVED BY KCLING	DATE 2005/11/24							
				2 PLACES	± 0.20	± ---	MATERIAL NO.					DOCUMENT NO.	SHEET NO.		
				1 PLACE	± ---	± ---	ANGULAR ± 3 °		SEE TABLE			SD-78011-101		7 OF 7	
				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							

9 8 7 6 5 4 3 2 1