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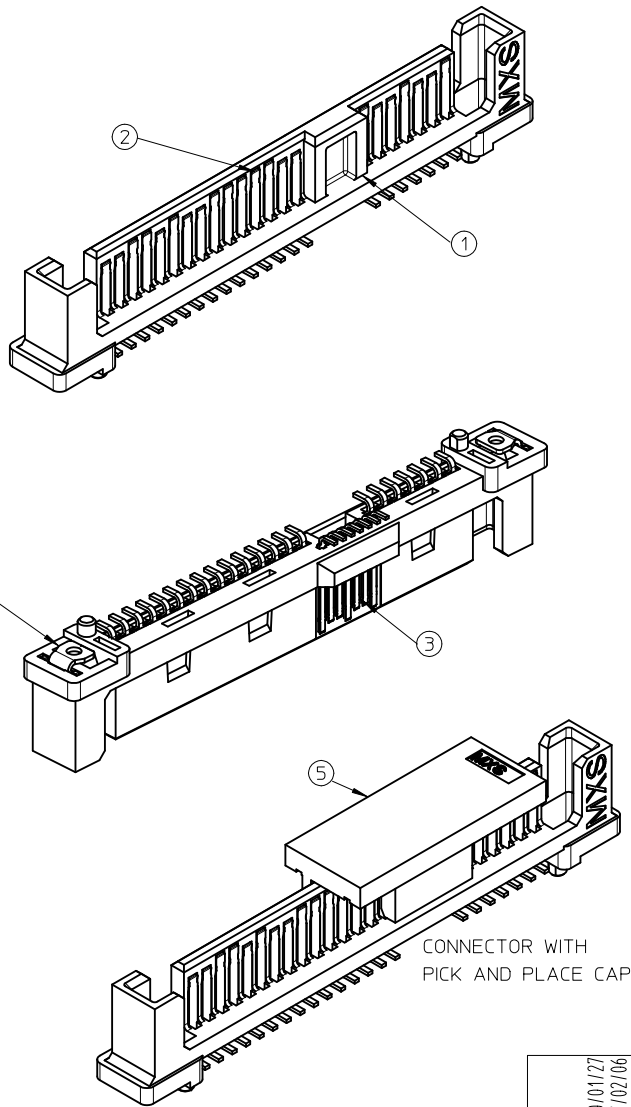
E

D

C

B

A



NO.	PART NAME	QTY.	MATERIAL
1	HOUSING	1	NYLON(PA), UL 94V-0, COLOR: BLACK
2	CONTACT A	22	COPPER ALLOY
3	CONTACT B	7	COPPER ALLOY
4	FITTING-NAIL	2	COPPER ALLOY
5	PICK & PLACE CAP	1	PA46, UL 94V-0, COLOR: BLACK

NOTES:

1. MATERIAL: REFER TO THE ABOVE PART-LIST.
2. PLATING SPECIFICATION: REFER TO TABLE-1.
3. APPLICABLE INDUSTRY SPECIFICATION :
SFF-8482 UNSHIELDED DUAL PORT SERIAL ATTACHMENT CONNECTOR.
4. PRODUCT SPECIFICATION: PS-78012-002.
5. PACKING: REFER TO PACKING INFORMATION (SHEET 5/5).
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.

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

PART NAME	MATING AREA	TERMINAL AREA	OTHERS AREA
CONTACT	GOLD (0.76μm MIN.)	TIN (1.91μm MIN.)	NICKEL PLATING
	OVER 1.27μm MIN. NICKEL UNDERPLATE		
FITTING-NAIL	TIN OVER NICKEL UNDERPLATE		

UPDATE VIEWS EC NO: S2010-0638 DRWN:CGOH CHKD:JTAN02 APPR:BOKOK	DESCRIPTION REV	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY CGOH	DATE 2007/01/12	TITLE SERIAL ATA SCSI (SAS) PLUG, VERTICAL MOUNT SMT		
			4 PLACES	± ---	± ---	CHECKED BY	DATE 2007/02/06			
			3 PLACES	± ---	± ---	CGTAN	DATE 2007/02/06			
			2 PLACES	± 0.20	± ---	APPROVED BY	DATE 2010/02/02			
			1 PLACE	± ---	± ---	BOKOK	DATE 2010/02/02			
			ANGULAR ± 3 °			MATERIAL NO. 78164-1051		DOCUMENT NO. SD-78164-100		SHEET NO. 1 OF 5
			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				
			A2							

F

E

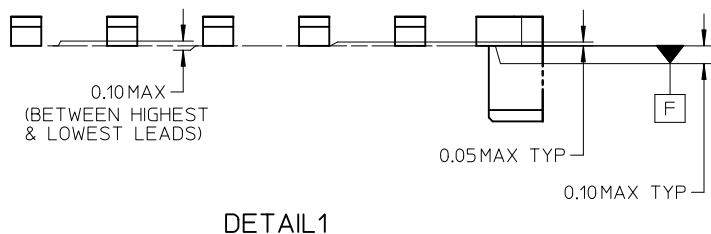
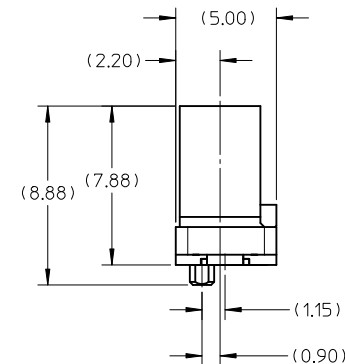
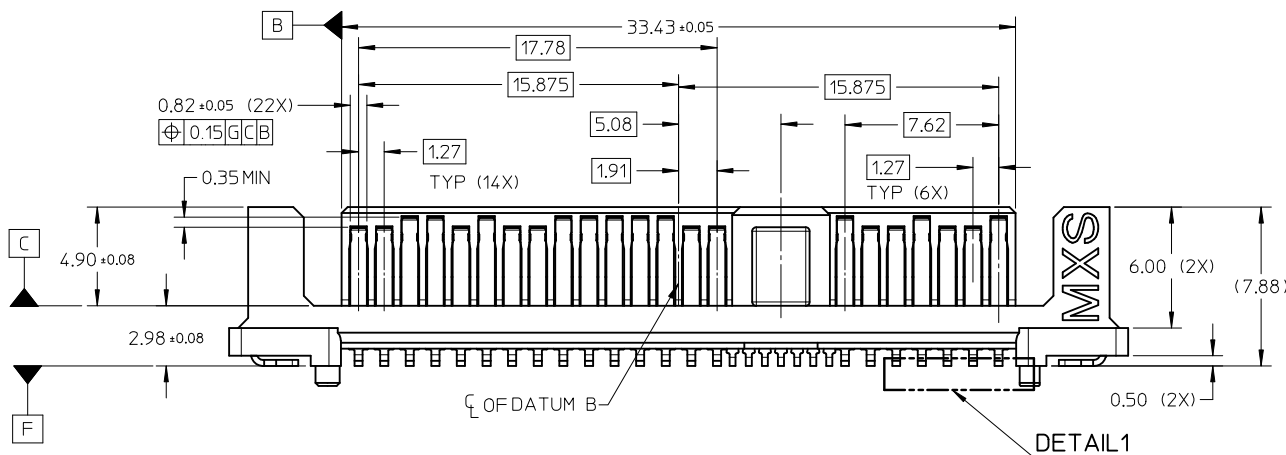
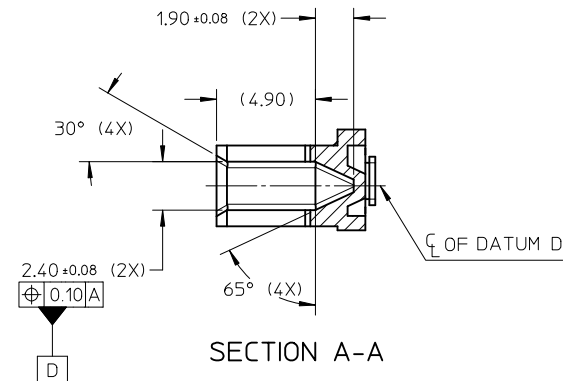
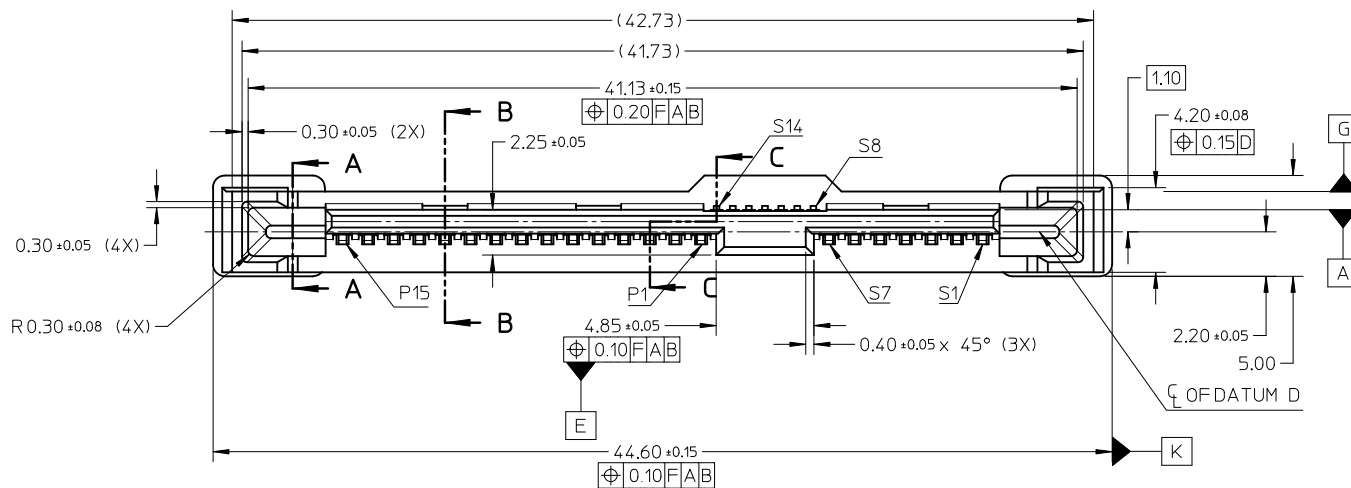
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10 9 8 7 6 5 4 3 2 1



UPDATE VIEWS
EC NO: S2010-0638
DRWN:CGOH
CHKD:JTAN02
APPR:BOKOK
2010/01/27
2007/02/06
2010/02/02

QUALITY SYMBOLS
F_A=0
F_C=0
F_P=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
CGOH	2007/01/12
CHECKED BY	DATE
CGTAN	2007/02/06
APPROVED BY	DATE
BOKOK	2010/02/02

MATERIAL NO.
78164-1051

SCALE
NTS

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

SERIAL ATA SCSI (SAS)
PLUG, VERTICAL MOUNT
SMT

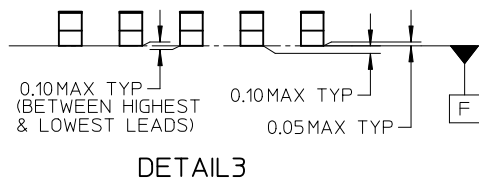
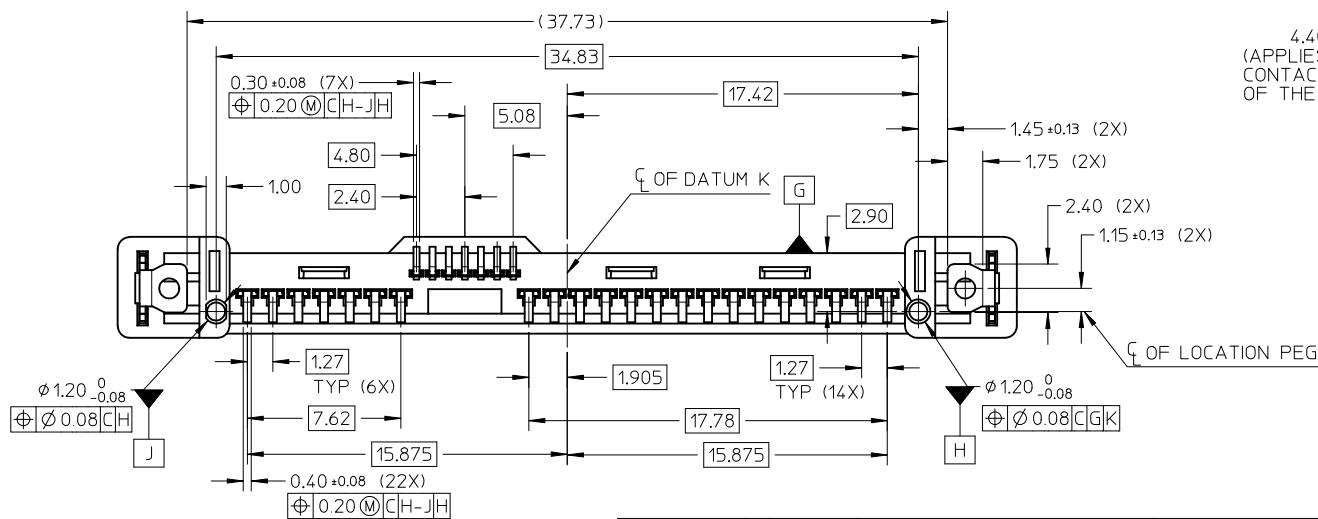
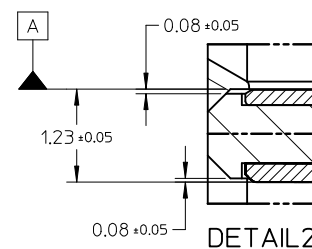
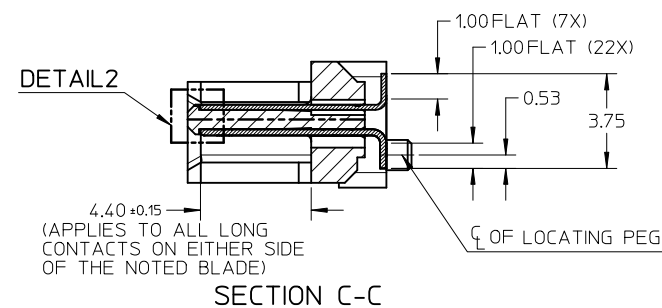
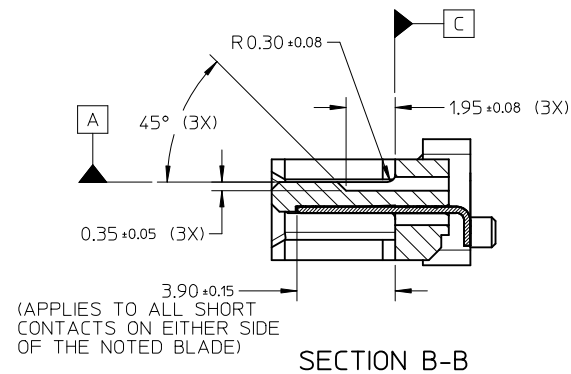
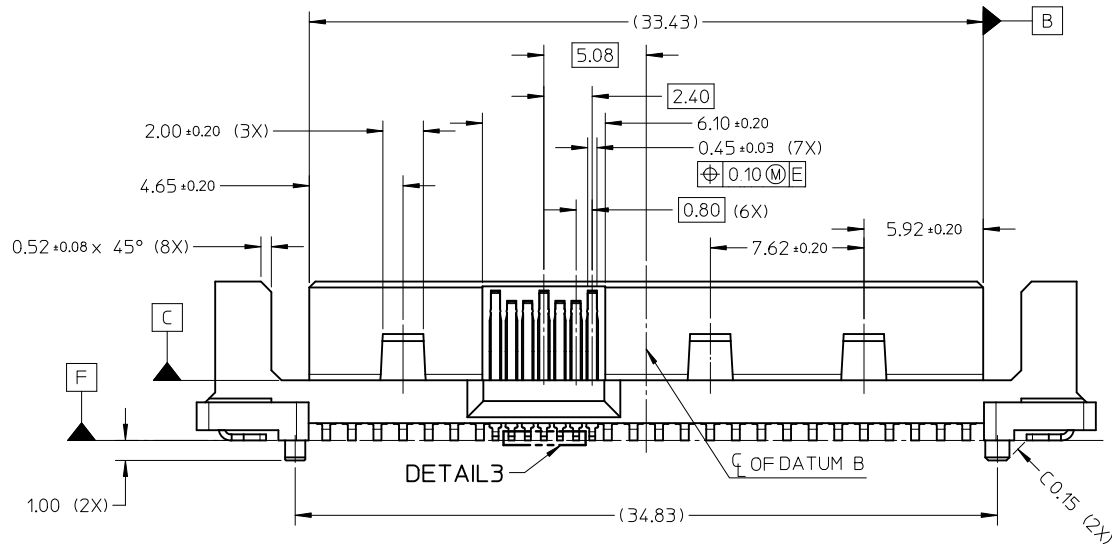
MOLEX INCORPORATED

DOCUMENT NO.
SD-78164-100

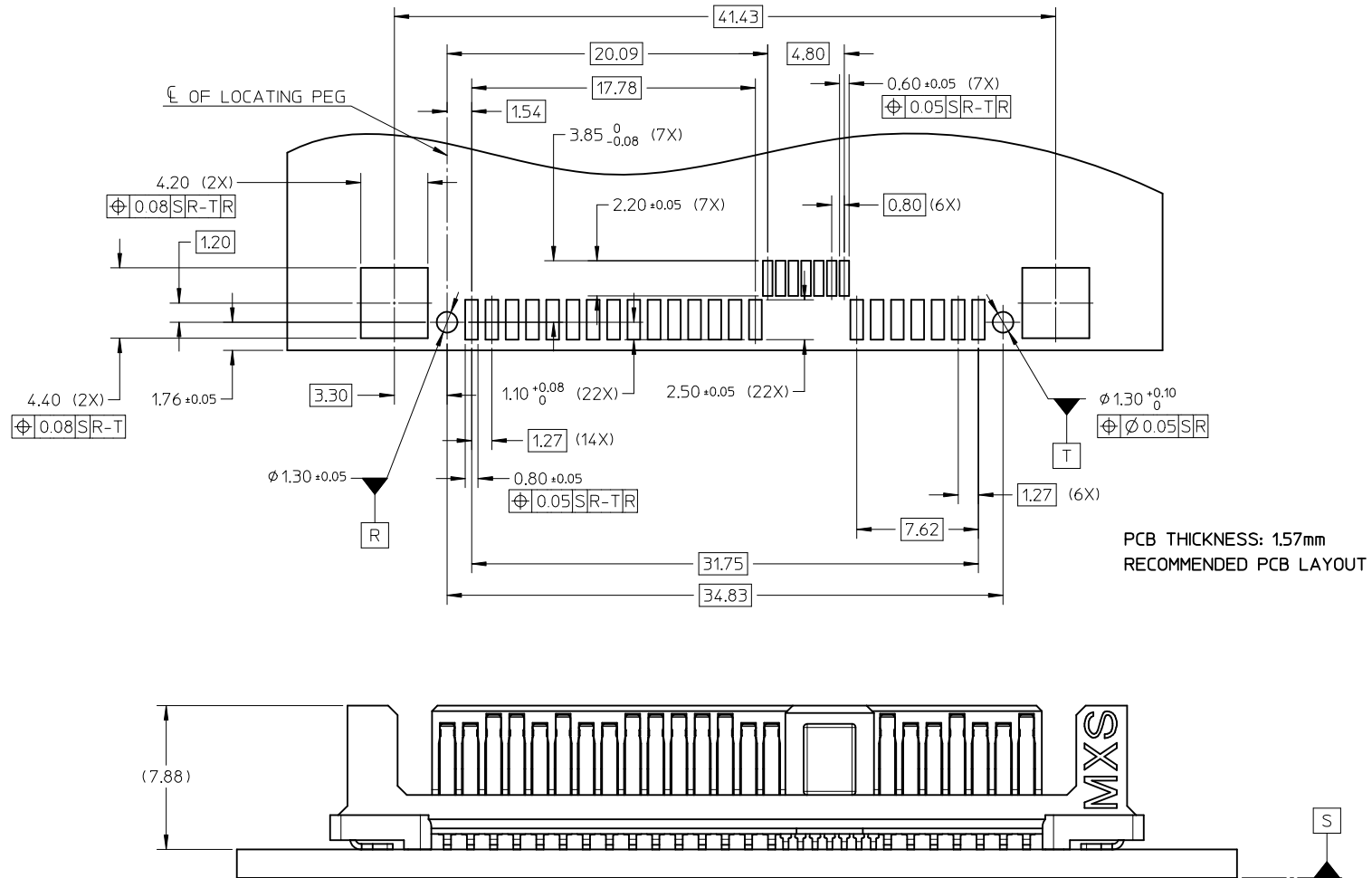
SHEET NO.
2 OF 5

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1



UPDATE VIEWS EC NO: S2010-0638 DRWN:CGOH CHKD:JTAN02 APPR:BOKOK A2	2010/01/27 2007/02/06 2010/02/02	DESCRIPTION REV	QUALITY SYMBOLS F_A=0 F_G=0 F_P=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 CGOH	DATE 2007/01/12	TITLE SERIAL ATA SCSI (SAS) PLUG, VERTICAL MOUNT SMT	MOLEX MOLEX INCORPORATED	DOCUMENT NO. SD-78164-100	SHEET NO. 3 OF 5
					± ---	± ---	CHECKED BY	DATE				
					± ---	± ---	CGTAN	2007/02/06				
					± 0.20	± ---	APPROVED BY	DATE				
± ---	± ---	BOKOK	2010/02/02									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO. 78164-1051		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



UPDATE VIEWS		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO:	DATE			MM ONLY	INCH			
S2010-0638	2010/01/27	$F_A=0$	4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE
DRWN:CGOH	2007/02/06	$F_C=0$	3 PLACES	± ---	± ---	CGOH	2007/01/12	SERIAL ATA SCSI (SAS) PLUG, VERTICAL MOUNT SMT
CHKD:JTAN02	2007/02/06	$F_P=0$	2 PLACES	± 0.20	± ---	CHECKED BY	DATE	
APPR:BOKOK	2010/02/02		1 PLACE	± ---	± ---	CGTAN	2007/02/06	MOLEX INCORPORATED
						APPROVED BY	DATE	
						BOKOK	2010/02/02	SD-78164-100
						MATERIAL NO.	DOCUMENT NO.	
						78164-1051		4 OF 5

