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Part Number: 0780011200
Status: Active
Description: 0.60mm (.024") Pitch miniDIMM Socket, Surface Mount, Reverse Right Angle, with Off-White Latches, 1.8V Voltage Key, 200 Circuits, Lead-free

Documents:	
3D Model	Product Specification PS-78001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	Memory Module Sockets
Series	78001
Comments	Latches in Off-White Color
Component Type	Socket
JEDEC Outline	MO-258
Product Name	MiniDIMM
Physical	
Circuits (Loaded)	200
Color - Resin	Black, Natural (White)
Durability (mating cycles max)	25
Entry Angle	90° Angle (Side Entry)
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface (in)	0.024 In
Pitch - Mating Interface (mm)	0.60 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	152.4
Plating min: Termination (µm)	3.81
Temperature Range - Operating	-10°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1A
Voltage - Maximum	30V
Voltage Key	1.8V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	2
Process Temperature max. C	260

Material Info

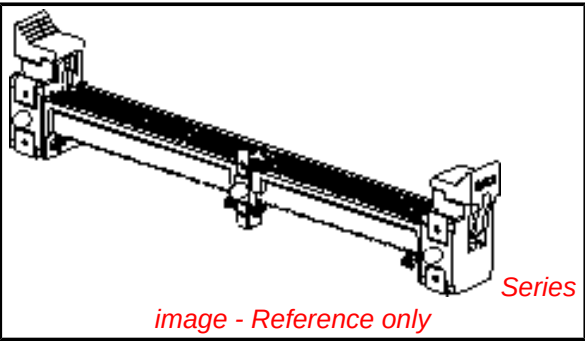


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
78001Series

Mates With
JEDEC MO-258 modules

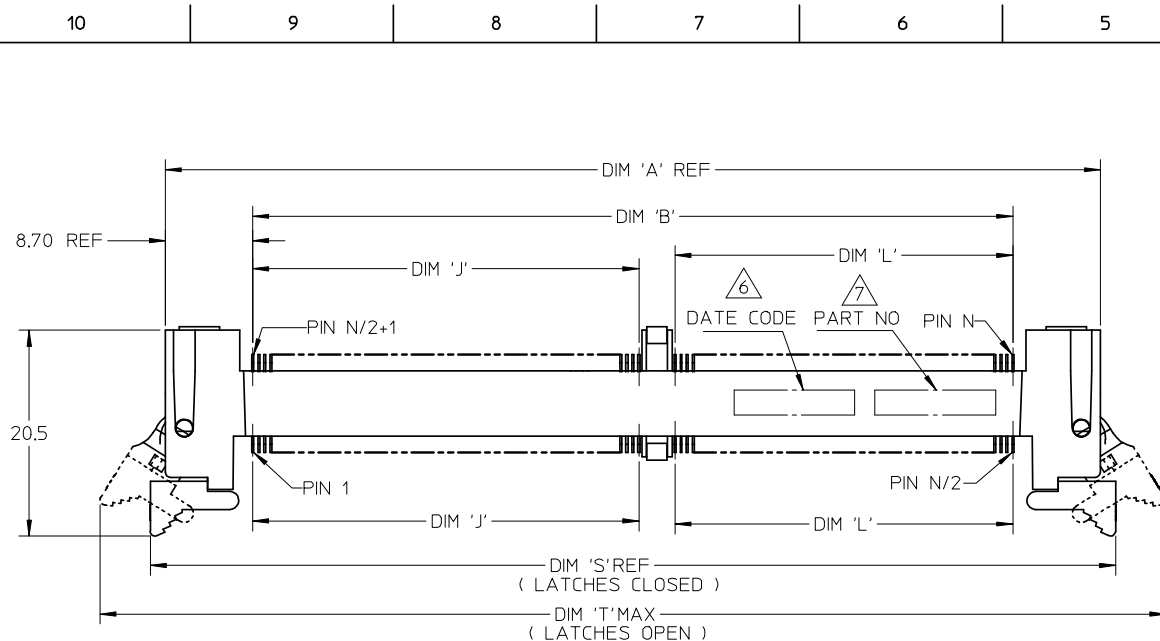
Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-78001-001
SD-78001-003

This document was generated on 04/07/2010

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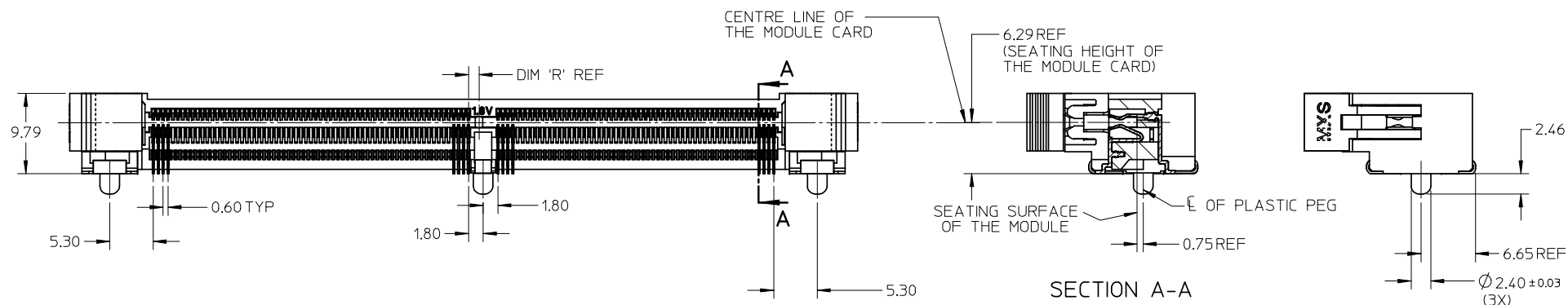


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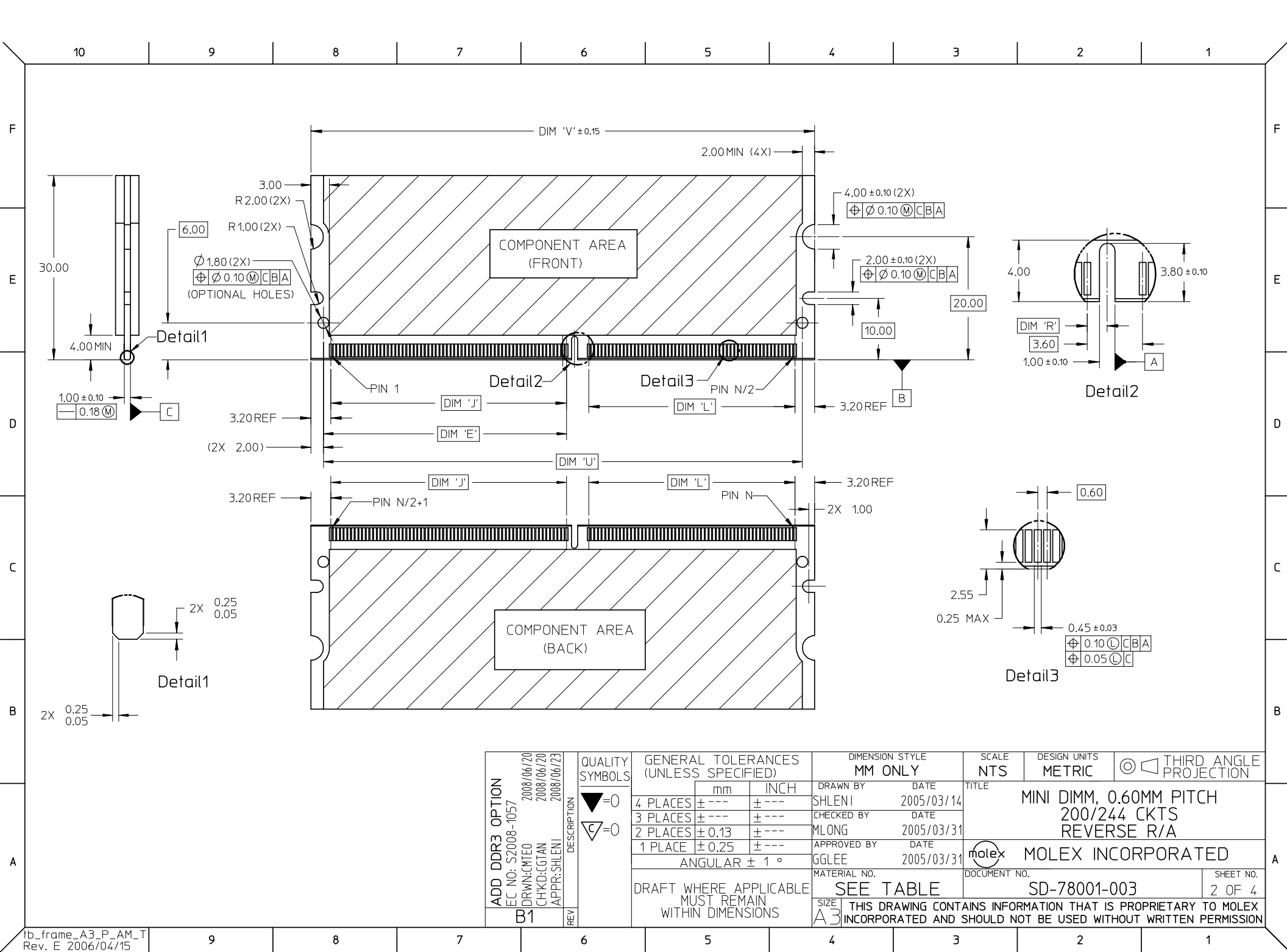
- MATERIAL :**
HOUSING : HIGH TEMPERATURE LIQUID CRYSTAL POLYMER, UL94V-0
COLOUR : BLACK
CONTACTS : COPPER ALLOY
LATCHES : HIGH TEMPERATURE NYLON, UL94V-0,
COLOUR : NATURAL (OFF-WHITE)
- FINISH :**
CONTACT AREA : 0.76 MICROMETER (30 MICROINCH) MIN GOLD OVER
1.25 MICROMETER (50 MICROINCH) MIN NICKEL
SOLDER LEADS : 2.54 MICROMETER (100 MICROINCH) MIN TIN OVER
1.25MICROMETER (50 MICROINCH) MIN NICKEL
- ACCEPTS 1.0 mm THICK MEMORY MODULE PER JEDEC MO-244
FOR 244 CKTS AND MO-258 FOR 200 CKTS.
- PRODUCT SPECIFICATION : PS-78001-001
- PRODUCT SHALL BE PACKED IN TRAY. PLS REFER TO SHEET 4.

. DATE CODE SHALL BE MARKED LEGIBLY AS SHOWN :YYDDD

. PART NUMBER SHALL BE MARKED LEGIBLY AS SHOWN.
78001-XXXX (REFER TO TABLE)



ADD DDR3 OPTION EC NO: S2008-1057 DRWN:CMTE0 CHKD:CGTAN APPR:SHLENI B1	2008/06/20 2008/06/20 2008/06/23	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 SHLENI	DATE 2005/03/14	TITLE MINI DIMM, 0.60MM PITCH 200/244 CKTS REVERSE R/A				
				4 PLACES	± ---	± ---	CHECKED BY MLONG	DATE 2005/03/31					
				3 PLACES	± ---	± ---	APPROVED BY GGLEE	DATE 2005/03/31					
				2 PLACES	± 0.13	± ---	MOLEX INCORPORATED						
				1 PLACE	± 0.25	± ---							
				ANGULAR ± 1 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-78001-003		1 OF 4		
							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

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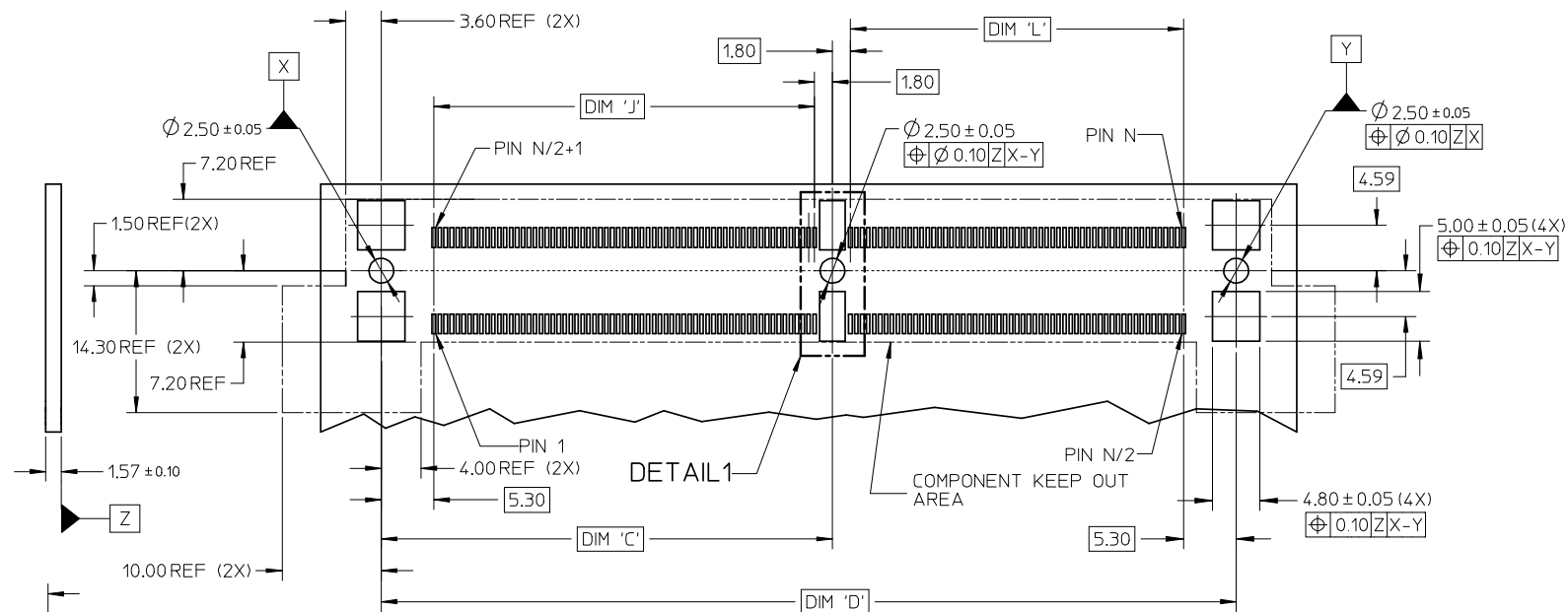
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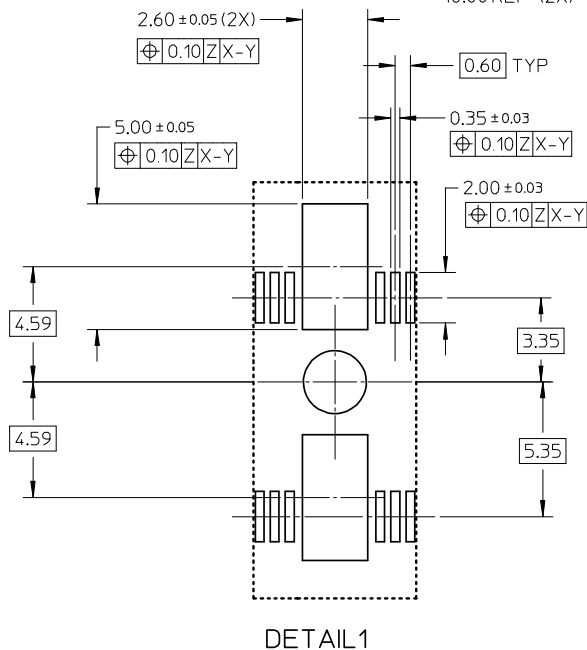
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RECOMMENDED PCB LAYOUT



ADD DDR3 OPTION EC NO: S2008-1057 DRWN:CMTEO 2008/06/20 CHKD:CGTAN 2008/06/20 APPR:SHLENI 2008/06/23 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
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			ANGULAR ± 1 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-78001-003		3 OF 4		
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