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Part Number: 0780610002
Status: Active
Description: 1.00mm (.039") Pitch Fully Buffered DIMM Socket, Vertical, Through Hole, 0.38µm (15µ") Gold(Au) Selective Plating, 240 Circuits, with Beveled Metal Pins, with Off-White Latches, 3.18mm (.125") Solder Tail Length, Lead-free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-78061-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR 19980
UL E29179

General

Product Family Memory Module Sockets
Series 78061
Comments Latches in Off-White Color Solder Tail Length at 3.18mm (.125")
Component Type Memory Module
JEDEC Outline MO-256
Product Name FB DIMM

Physical

Circuits (Loaded) 240
Color - Resin Black, Natural
Durability (mating cycles max) 25
Entry Angle Vertical (Top 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
PC Tail Length (in) 0.125 In
PC Tail Length (mm) 3.18 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.093 In
PCB Thickness Recommended (mm) 2.40 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.039 In
Pitch - Mating Interface (mm) 1.00 mm
Temperature Range - Operating -55°C to +85°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 30V
Voltage Key 1.8V, Center

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 265

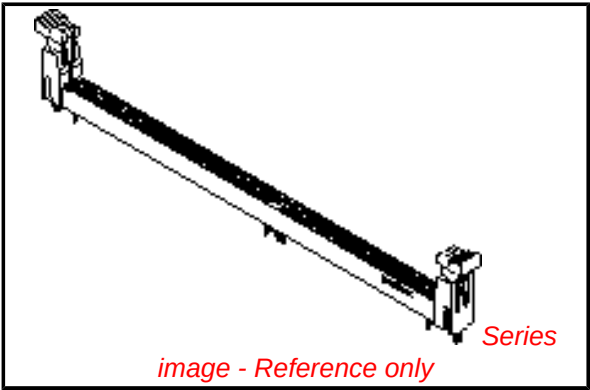


image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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
78061Series

Mates With
JEDEC MO-256 modules

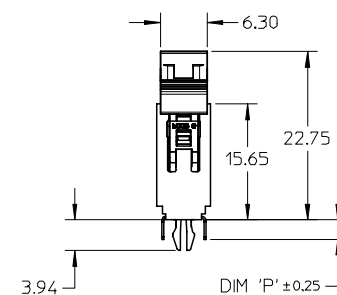
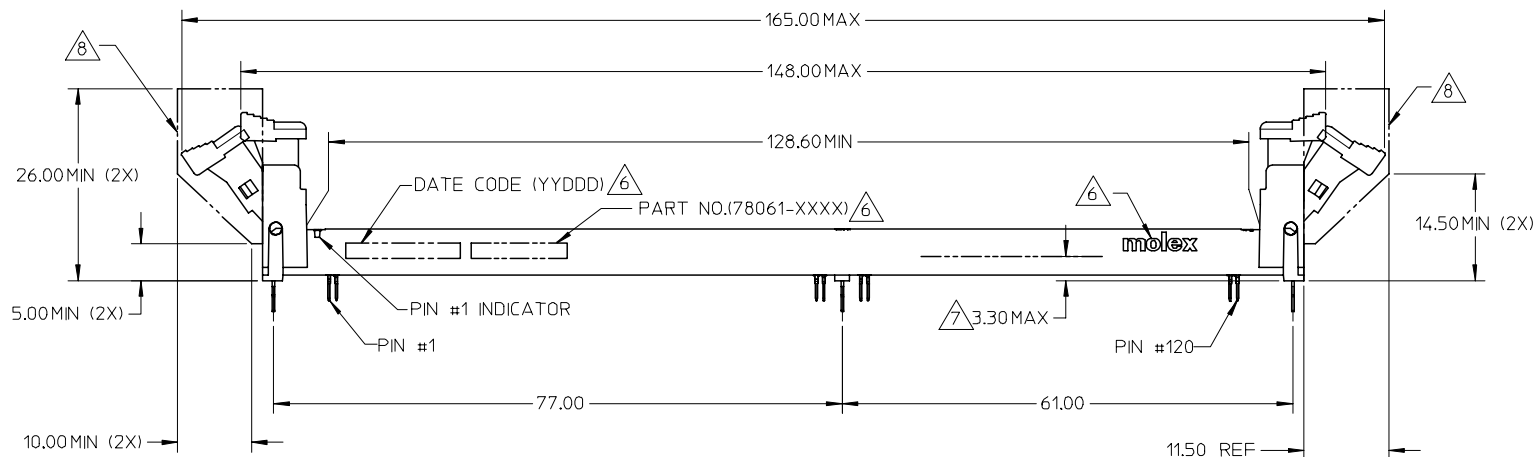
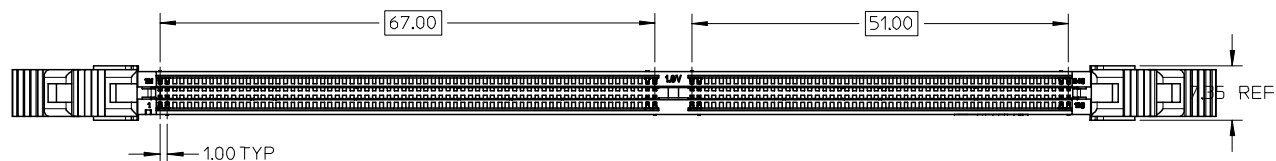
Material Info

Reference - Drawing Numbers

Product Specification	PS-78061-001, RPS-78061-001
Sales Drawing	SD-78061-001

This document was generated on 04/13/2010

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NOTES :

- 1.MATERIAL : HOUSING - HIGH TEMP. NYLON, GLASS FILLED, UL 94V-0
COLOUR : BLACK.
LATCH - HIGH TEMP NYLON, GLASS FILLED, UL 94V-0
COLOUR : NATURAL (OFF WHITE) OR BLACK.
TERMINAL : COPPER ALLOY.
- 2.PLATING - SEE TABLE ON SHEET 4.
- 3.CARD SLOT ACCEPTS 1.27±0.10MM MODULE THICKNESS
(MEASURED FROM P.C. PADS).
- 4.REFER TO PRODUCT SPECIFICATION, PS-78061-001 FOR PERFORMANCE SPECIFICATIONS.
- 5.PRODUCT SHALL BE PACKED IN TRAY. PLS REFER TO SHEET 5.
6. MOLEX LOGO, DATE & PART NO. INDICATED ON HOUSING.
7. MODULE SEATING PLANE FROM TOP OF PCB.
8. KEEP OUT ZONE RESERVED FOR LATCH (PER JEDEC SO-003,REV.A).
9. MODULE CARD USED IN PRODUCT TESTING ARE CHAMFERED.
10. KEEP OUT AREA IS THE AREA WHERE THE CONNECTOR
(INCLUDING LATCH) IS MOUNTED ON THE PCB
(PER JEDEC SO-003,REV.A).

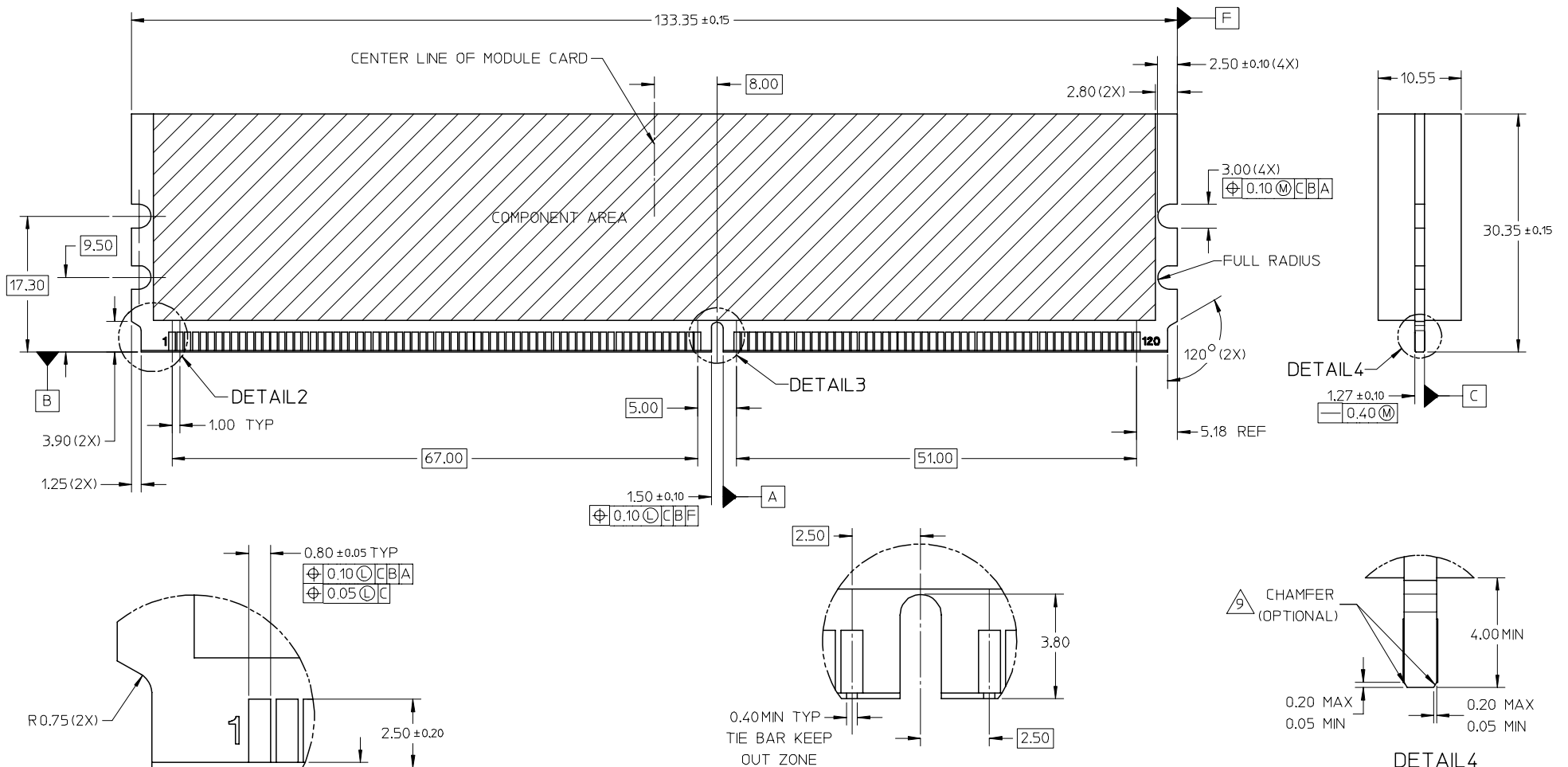
TRAY DWG ADDED	2006/12/26
EC NO: S2007-0602	2006/12/26
DRWN:CMTEO	2006/12/26
CHKD:SHLENI	2006/12/26
APPR:GGLLEE	2006/12/28
REV	
A4	

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

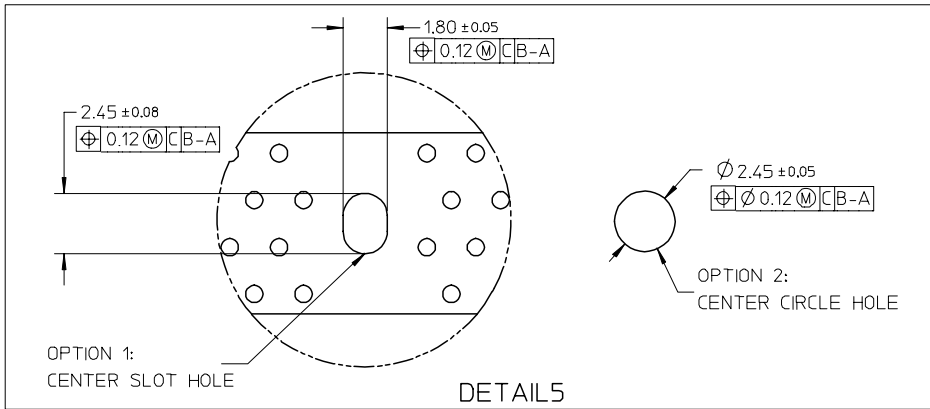
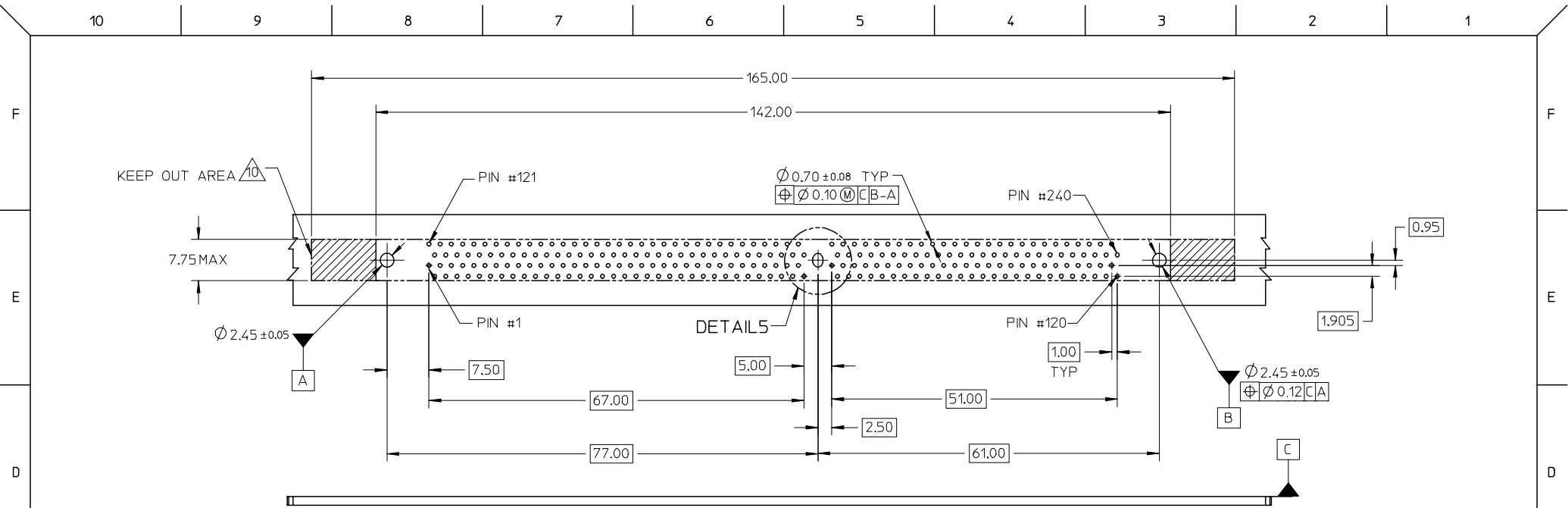
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
JTAN	2005/10/20
CHECKED BY	DATE
SRRAMESH	2005/12/05
APPROVED BY	DATE
GGLLEE	2005/12/06
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		TITLE	
		FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H	
		MOLEX INCORPORATED	
		DOCUMENT NO.	SHEET NO.
		SD-78061-001	1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



TRAY DWG ADDED EC NO: S2007-0602 DFWN:CMTEO CHKD:SHLENI APPR:GGLEE A4	2006/12/26 2006/12/26 2006/12/28	DESCRIPTION A4	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
						mm	INCH	DRAWN BY JTAN	DATE 2005/10/20	TITLE FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H		
					4 PLACES	± ---	± ---	CHECKED BY SRRAMESH	DATE 2005/12/05			
					3 PLACES	± ---	± ---	APPROVED BY GGLEE	DATE 2005/12/06	MOLEX INCORPORATED		
					2 PLACES	± 0.2	± ---	MATERIAL NO.				DOCUMENT NO.
					1 PLACE	± ---	± ---	SEE TABLE		SD-78061-001		2 OF 5
ANGULAR ± 1 °		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												



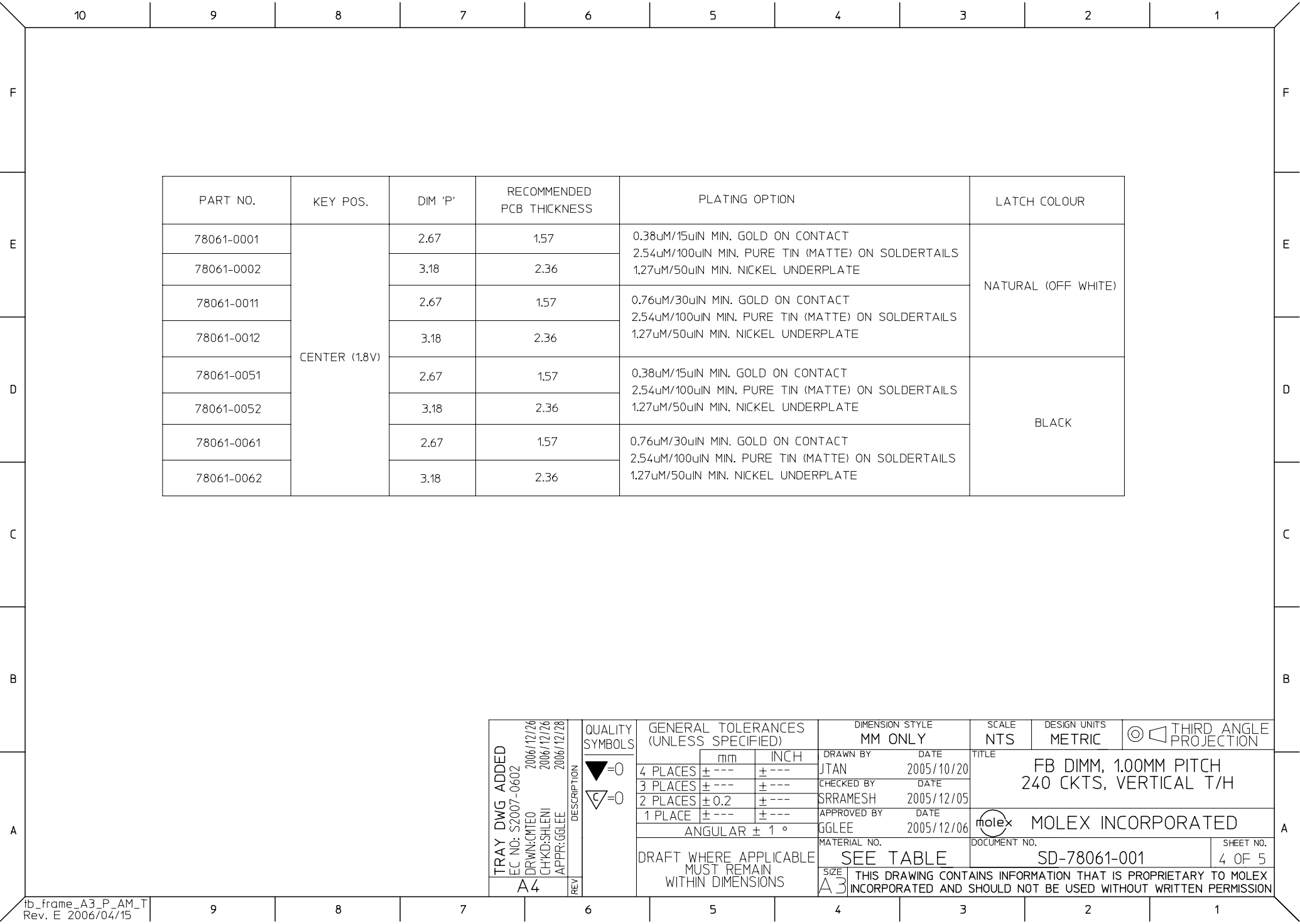
TRAY DWG ADDED	2006/12/26
EC NO: S2007-0602	2006/12/26
DRWN:CMTEO	2006/12/26
CHKD:SHLENI	2006/12/26
APPR:GGLEE	2006/12/28
REV	DESCRIPTION
A4	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

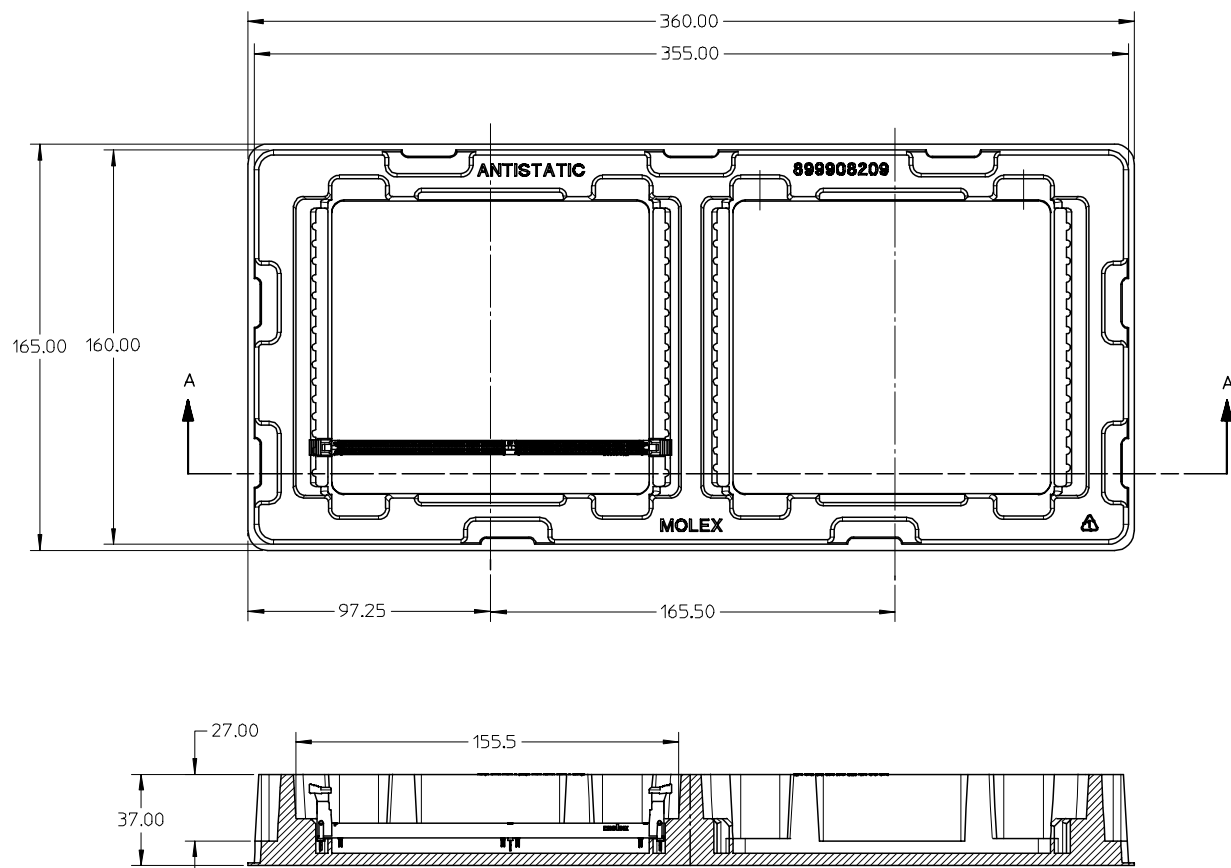
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
JTAN	2005/10/20
CHECKED BY	DATE
SRRAMESH	2005/12/05
APPROVED BY	DATE
GGLEE	2005/12/06
MATERIAL NO.	
SEE TABLE	
SIZE	A3

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H		
MOLEX INCORPORATED		
DOCUMENT NO.		SHEET NO.
SD-78061-001		3 OF 5
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PART NO.	KEY POS.	DIM 'P'	RECOMMENDED PCB THICKNESS	PLATING OPTION	LATCH COLOUR
78061-0001	CENTER (1.8V)	2.67	1.57	0.38uM/15uIN MIN. GOLD ON CONTACT 2.54uM/100uIN MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	NATURAL (OFF WHITE)
78061-0002		3.18	2.36		
78061-0011		2.67	1.57	0.76uM/30uIN MIN. GOLD ON CONTACT 2.54uM/100uIN MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	
78061-0012		3.18	2.36		
78061-0051		2.67	1.57	0.38uM/15uIN MIN. GOLD ON CONTACT 2.54uM/100uIN MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	BLACK
78061-0052		3.18	2.36		
78061-0061		2.67	1.57	0.76uM/30uIN MIN. GOLD ON CONTACT 2.54uM/100uIN MIN. PURE TIN (MATTE) ON SOLDERTAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	
78061-0062		3.18	2.36		

TRAY DWG ADDED EC NO: S2007-0602 2006/12/26 DRWN:CMTEO CHKD:SHLENI 2006/12/26 APPR:GGLLEE 2006/12/28	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		 =0  =0		mm	INCH	DRAWN BY	DATE	TITLE FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H				
			4 PLACES	± ---	± ---	JTAN	2005/10/20					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.2	± ---	SRRAMESH	2005/12/05					
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
		ANGULAR ± 1 °		GGLLEE	2005/12/06	MOLEX INCORPORATED						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-78061-001		SHEET NO. 4 OF 5						
A4	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



NOTES:
1. CAVITY QTY: 2 X 15 = 30 PCS

TRAY DWG ADDED EC NO: S2007-0602 DRWN:CMTEO 2006/12/26 CHKD:SHLENI 2006/12/26 APPR:GGLLEE 2006/12/28 A4	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JTAN	DATE 2005/10/20	TITLE FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H				
			4 PLACES	± ---	± ---	CHECKED BY SRRAMESH	DATE 2005/12/05					
			3 PLACES	± ---	± ---	APPROVED BY GGLLEE			DATE 2005/12/06	MOLEX INCORPORATED		
			2 PLACES	± 0.2	± ---							
1 PLACE	± ---	± ---	ANGULAR ± 1 °		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-78061-001		SHEET NO. 5 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							