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Part Number:

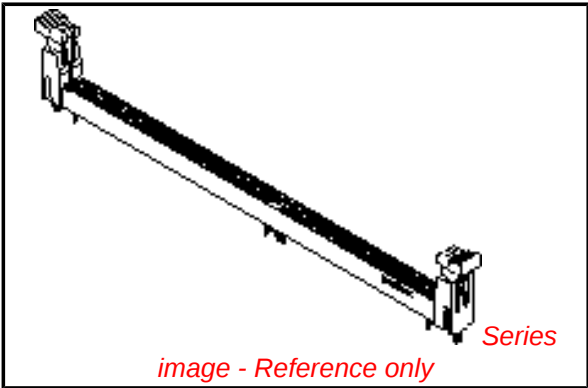
0780610051

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 Black Latches, 2.67mm (.105") 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 Black Color Solder Tail Length at 2.67mm (.105")
Component Type	Socket
JEDEC Outline	MO-256
Product Name	FB DIMM

Physical	
Circuits (Loaded)	240
Color - Resin	Black
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)	0.105 In
PC Tail Length (mm)	2.67 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 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

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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

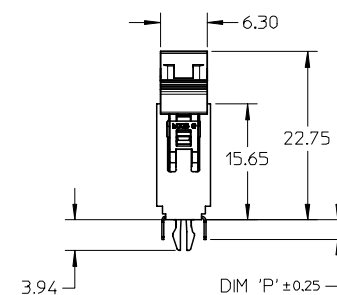
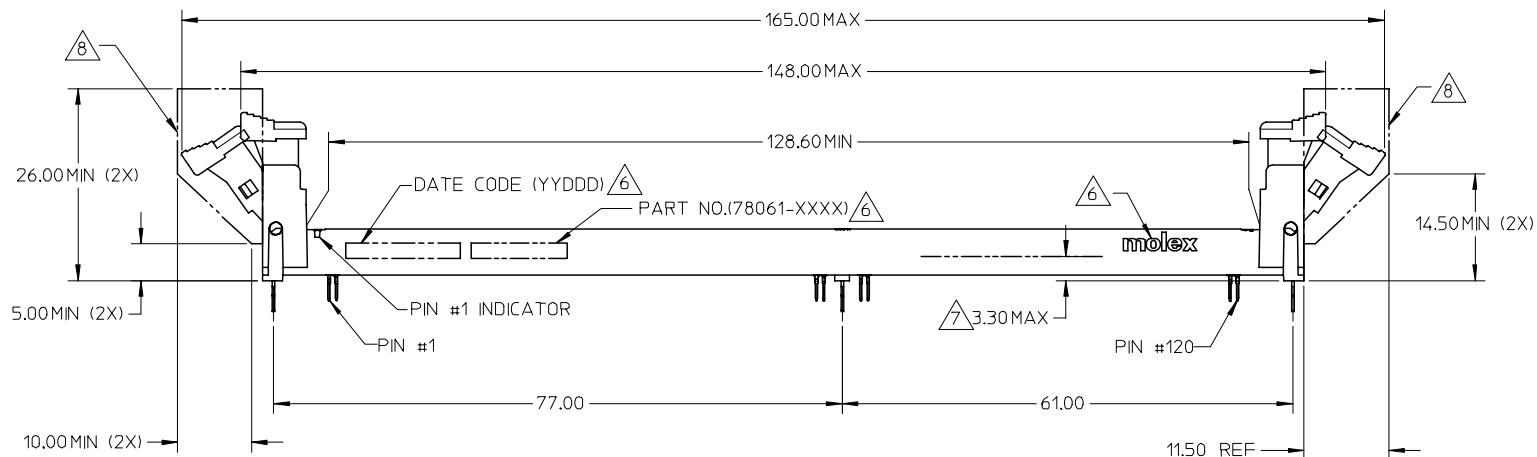
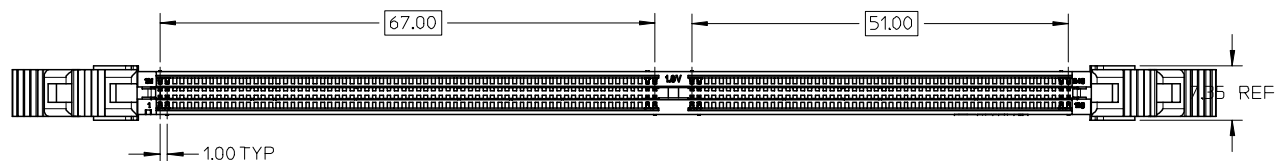
Material Info

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).

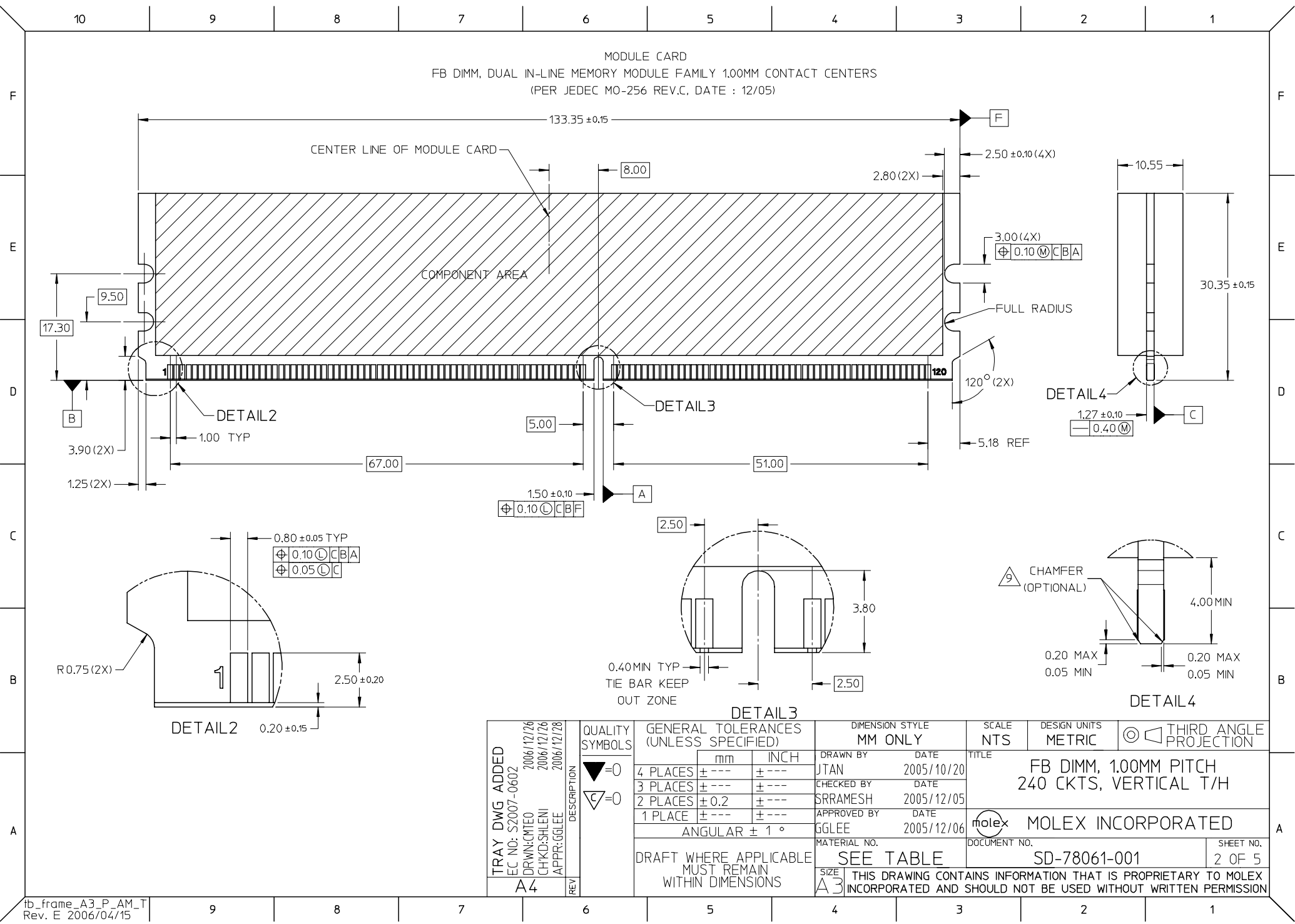
TRAY DWG ADDED	2006/12/26
EC NO: S2007-0602	2006/12/26
DRWN:CMTEO	2006/12/26
CHKD:SHLENI	2006/12/26
APPR:GGLLEE	2006/12/28
REV	
A4	

QUALITY SYMBOLS	DESCRIPTION
▽=0	
▽=0	

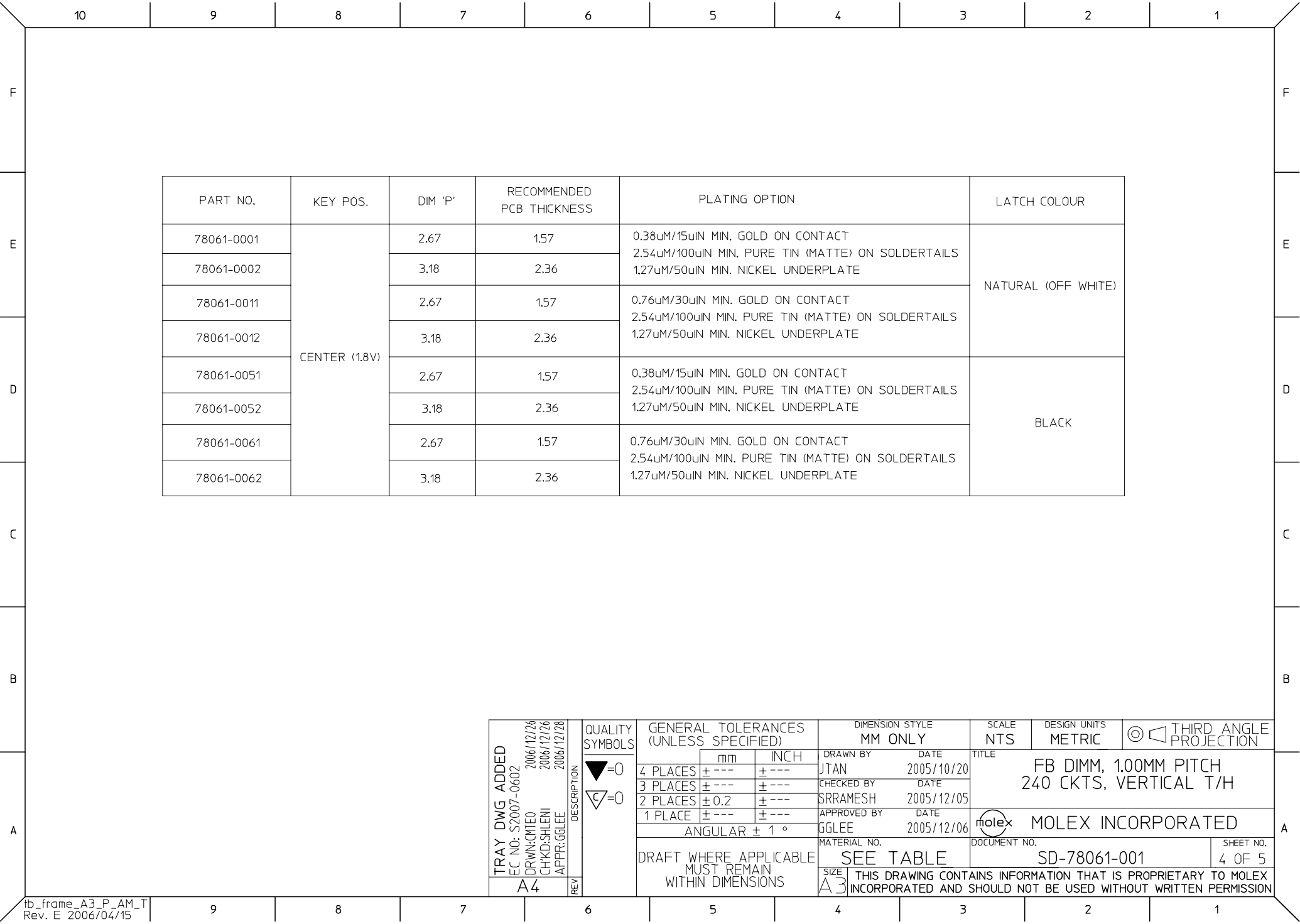
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

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. SD-78061-001			SHEET NO. 1 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

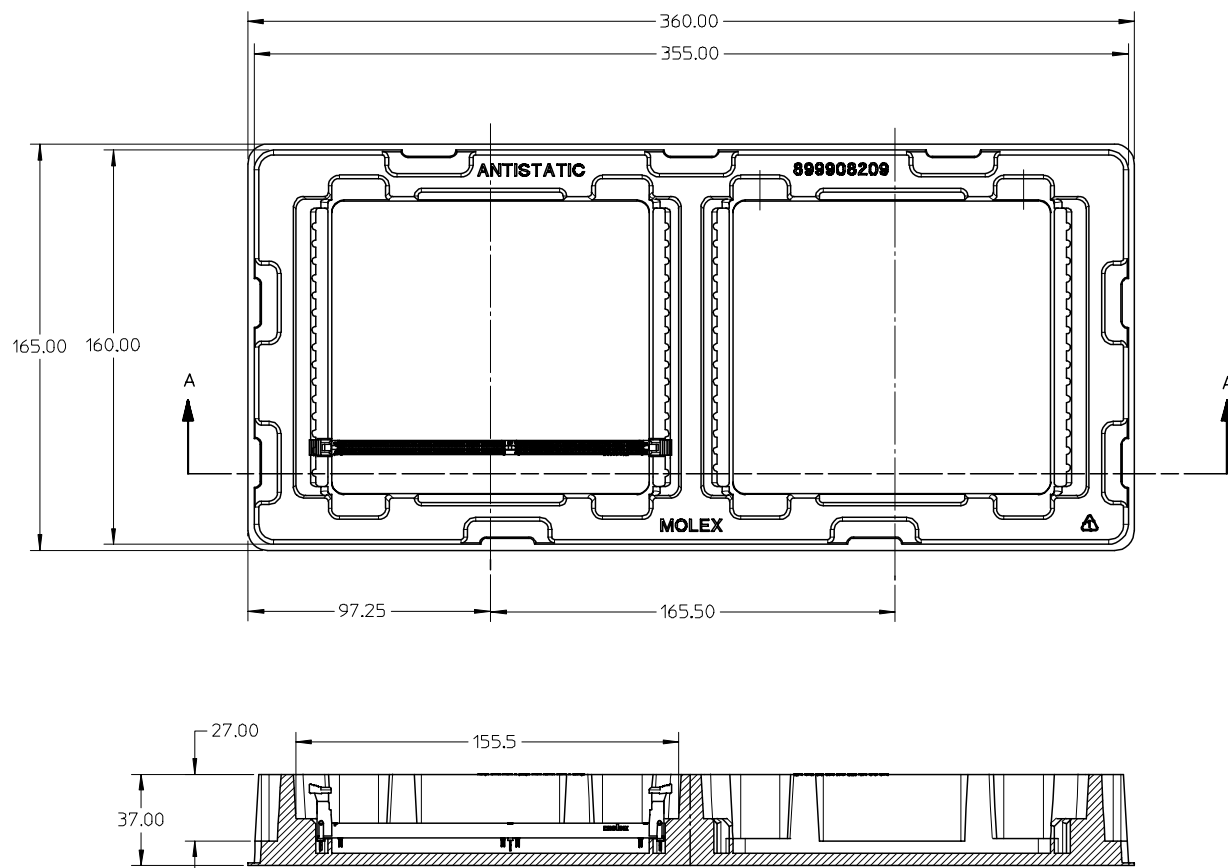


TRAY DWG ADDED EC NO: S2007-0602 2006/12/26 DRWN:CMTEO CHKD:SHLENI 2006/12/26 APPR:GGLLEE 2006/12/28	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JTAN	DATE 2005/10/20	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					
			2 PLACES	± 0.2	± ---	MATERIAL NO.		DOCUMENT NO. SD-78061-001		SHEET NO. 2 OF 5		
			1 PLACE	± ---	± ---	SEE TABLE						
			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			



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 SOLDER TAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	NATURAL (OFF WHITE)
78061-0002		3.18	2.36		
78061-0011		2.67	1.57		
78061-0012		3.18	2.36	0.76uM/30uIN MIN. GOLD ON CONTACT 2.54uM/100uIN MIN. PURE TIN (MATTE) ON SOLDER TAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	
78061-0051		2.67	1.57	0.38uM/15uIN MIN. GOLD ON CONTACT 2.54uM/100uIN MIN. PURE TIN (MATTE) ON SOLDER TAILS 1.27uM/50uIN MIN. NICKEL UNDERPLATE	BLACK
78061-0052		3.18	2.36		
78061-0061		2.67	1.57		
78061-0062		3.18	2.36		

TRAY DWG ADDED EC NO: S2007-0602 2006/12/26 DRWN:CMTEO CHKD:SHLENI APPR:GGLEE 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 °			GGLEE	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	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 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		
			2 PLACES	± 0.2	± ---	DOCUMENT NO. SD-78061-001		SHEET NO. 5 OF 5		
1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE					
A4	REV				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				