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Part Number: [0780610061](#)
Status: **Active**
Description: 1.00mm (.039") Pitch Fully Buffered DIMM Socket, Vertical, Through Hole, 0.76µm (30µ") Gold(Au) Selective Plating, 240 Circuits, with Beveled Metal Pins, with Black Latches, 2.67mm (.105") Solder Tail Length, Lead-free

Documents:
[3D Model](#) [Product Specification PS-78061-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 Memory Module
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

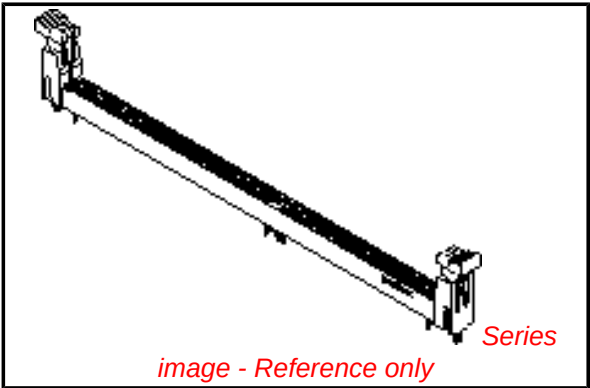


image - Reference only

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

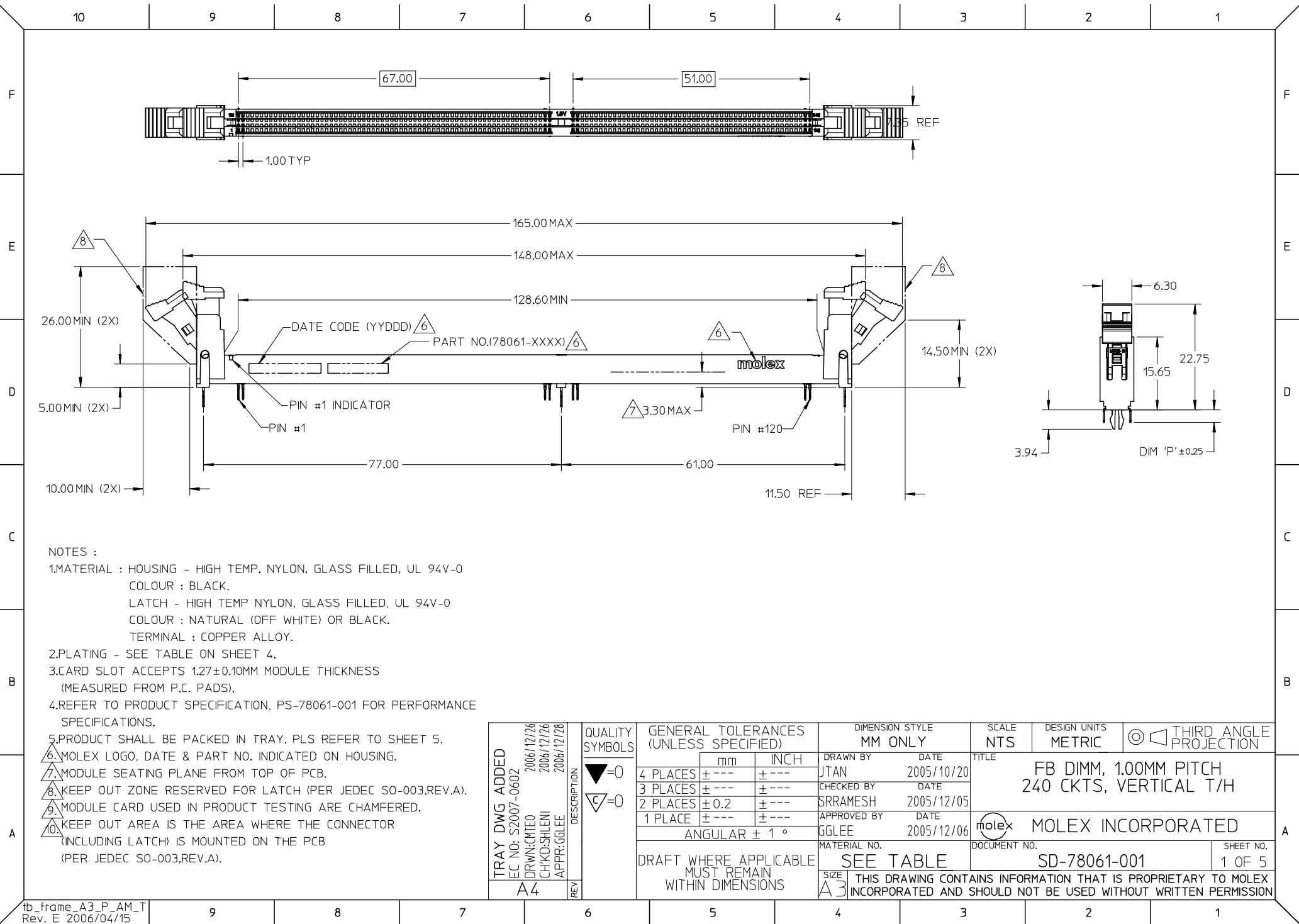
Material Info

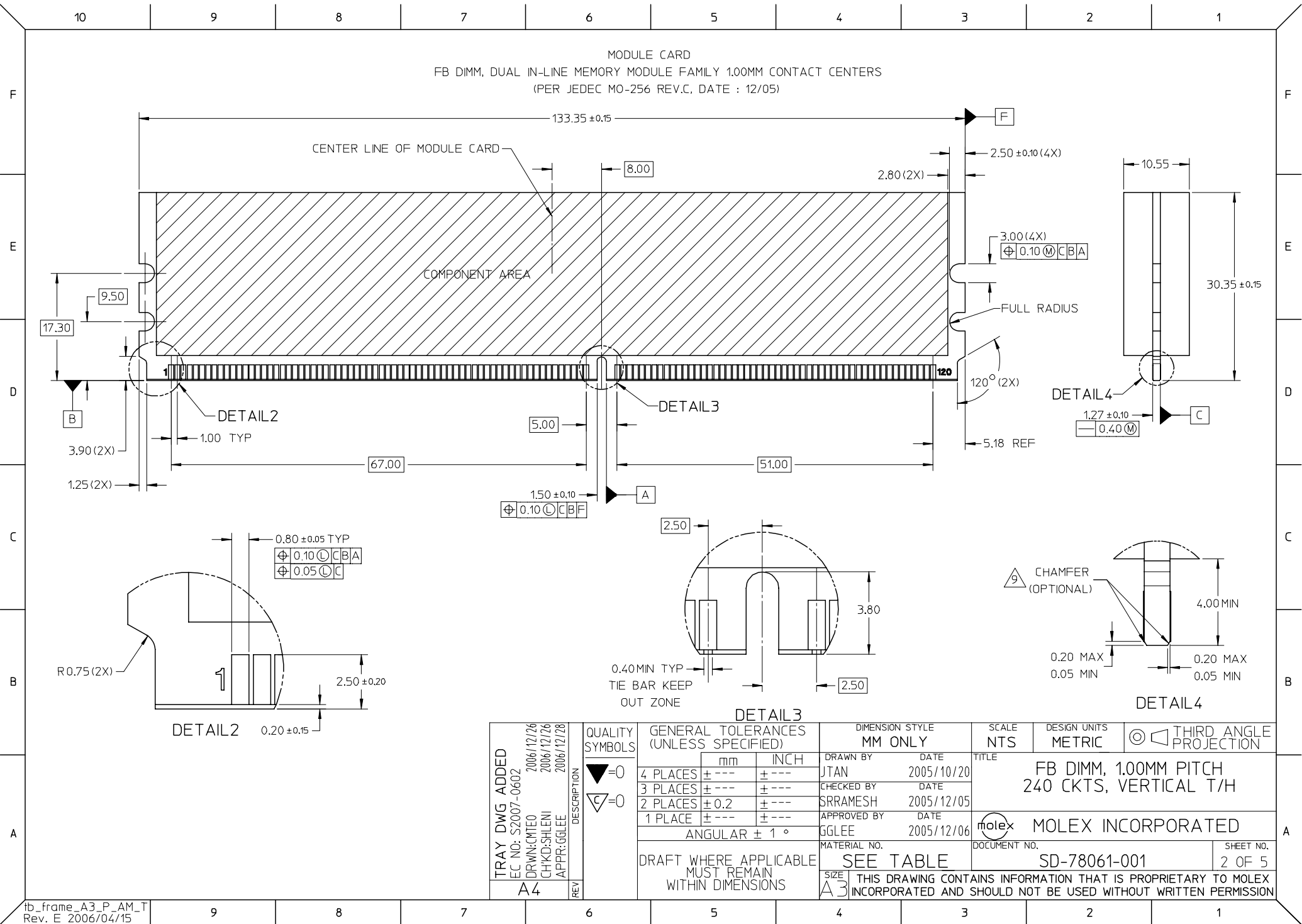
Reference - Drawing Numbers

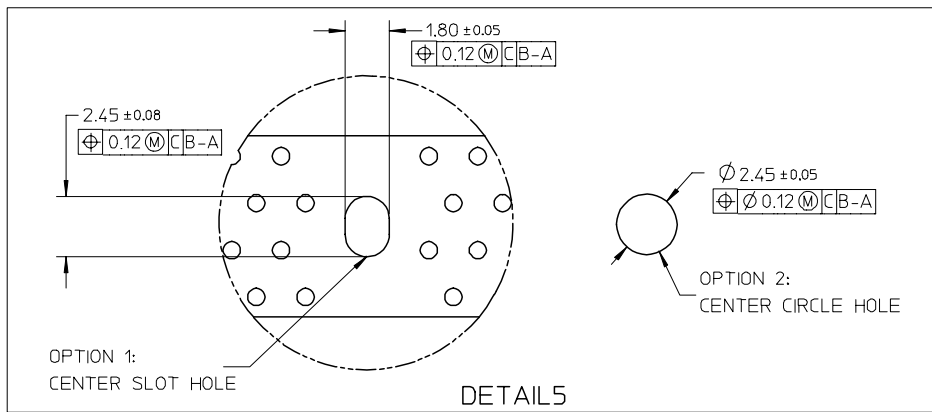
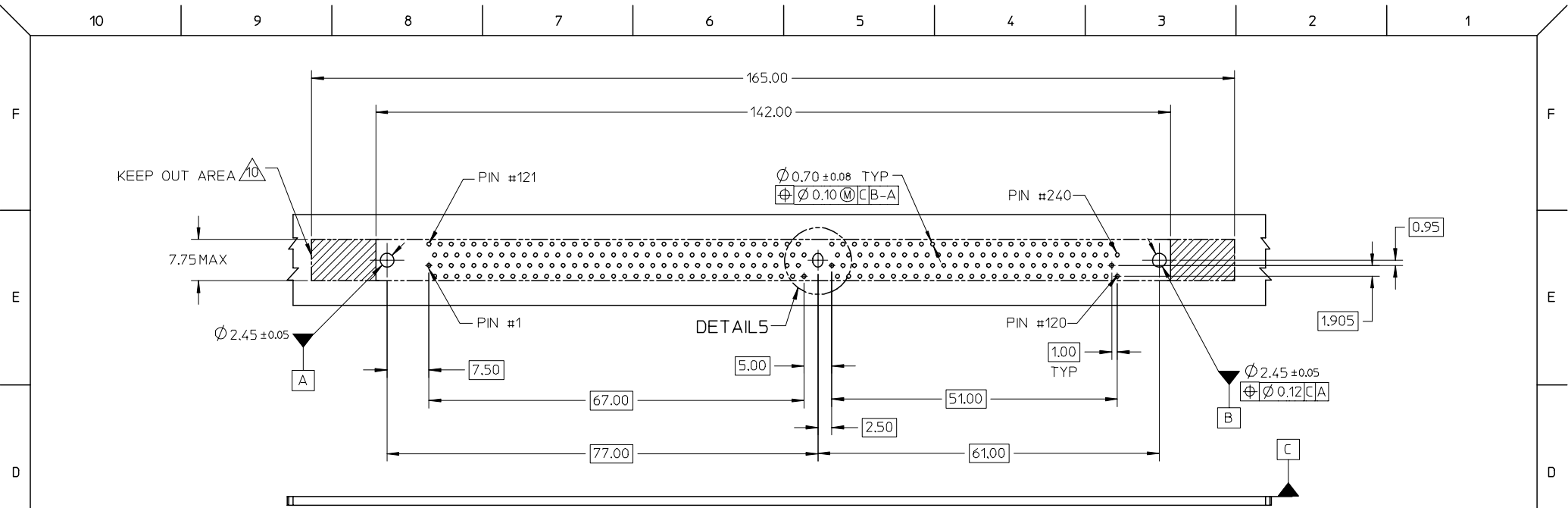
Product Specification	PS-78061-001, RPS-78061-001
Sales Drawing	SD-78061-001

This document was generated on 04/13/2010

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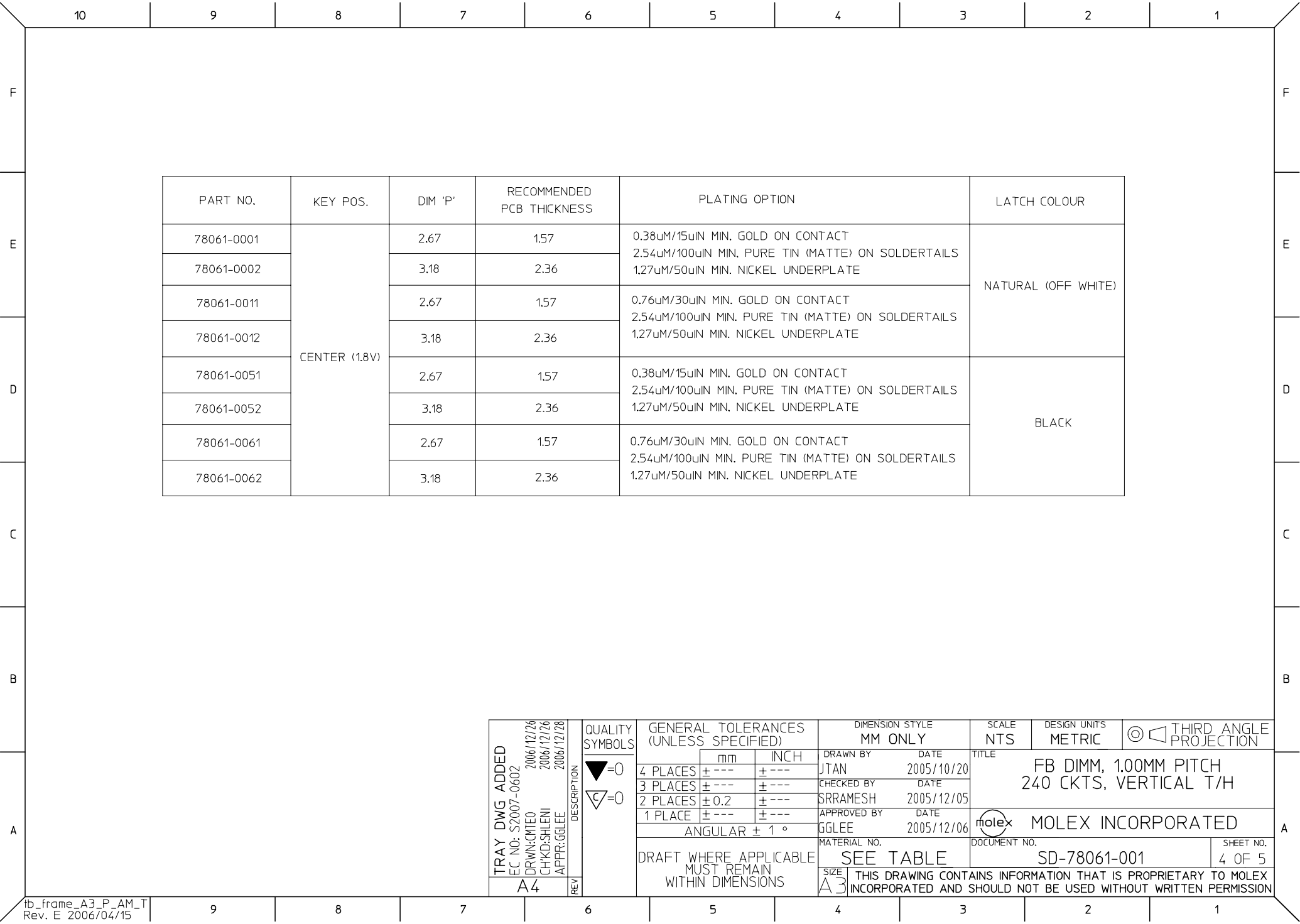
TRAY DWG ADDED	2006/12/26
EC NO: S2007-0602	2006/12/26
DRWN:CMTEO	2006/12/26
CHKD:SHLENI	2006/12/26
APPR:GGLEE	2006/12/28
REV	DESCRIPTION
A4	

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		

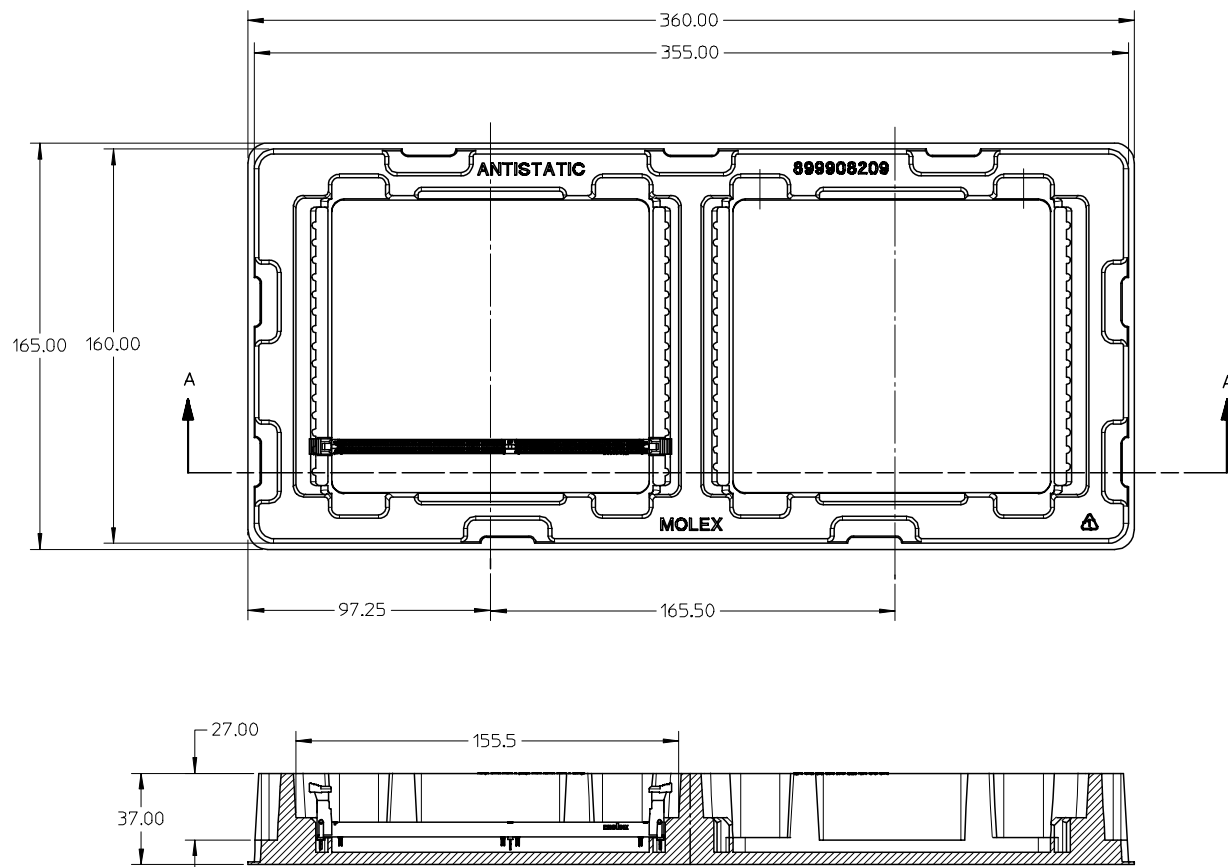
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
JTAN	2005/10/20
CHECKED BY	DATE
SRRAMESH	2005/12/05
APPROVED BY	DATE
GGLEE	2005/12/06
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

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
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 2006/12/26 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						
A4	REV	ANGULAR ± 1 °		GGLEE		2005/12/06	 MOLEX INCORPORATED						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.					
				SEE TABLE		SD-78061-001		4 OF 5					
				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:GGLEE 2006/12/28	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					DRAWN BY JTAN	DATE 2005/10/20	TITLE FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H			
					CHECKED BY SRRAMESH	DATE 2005/12/05				
					APPROVED BY GGLEE	DATE 2005/12/06	 MOLEX INCORPORATED			
					MATERIAL NO. SEE TABLE					DOCUMENT NO. SD-78061-001
A4	REV		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					