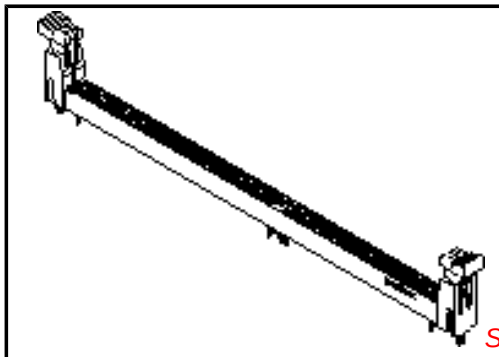
This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0780610052

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, 3.18mm (.125") Solder Tail Length, Lead-free



Series image - Reference only

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	<LI>Latches in Black Color <LI>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
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
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
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

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

Process Temperature max. C	265

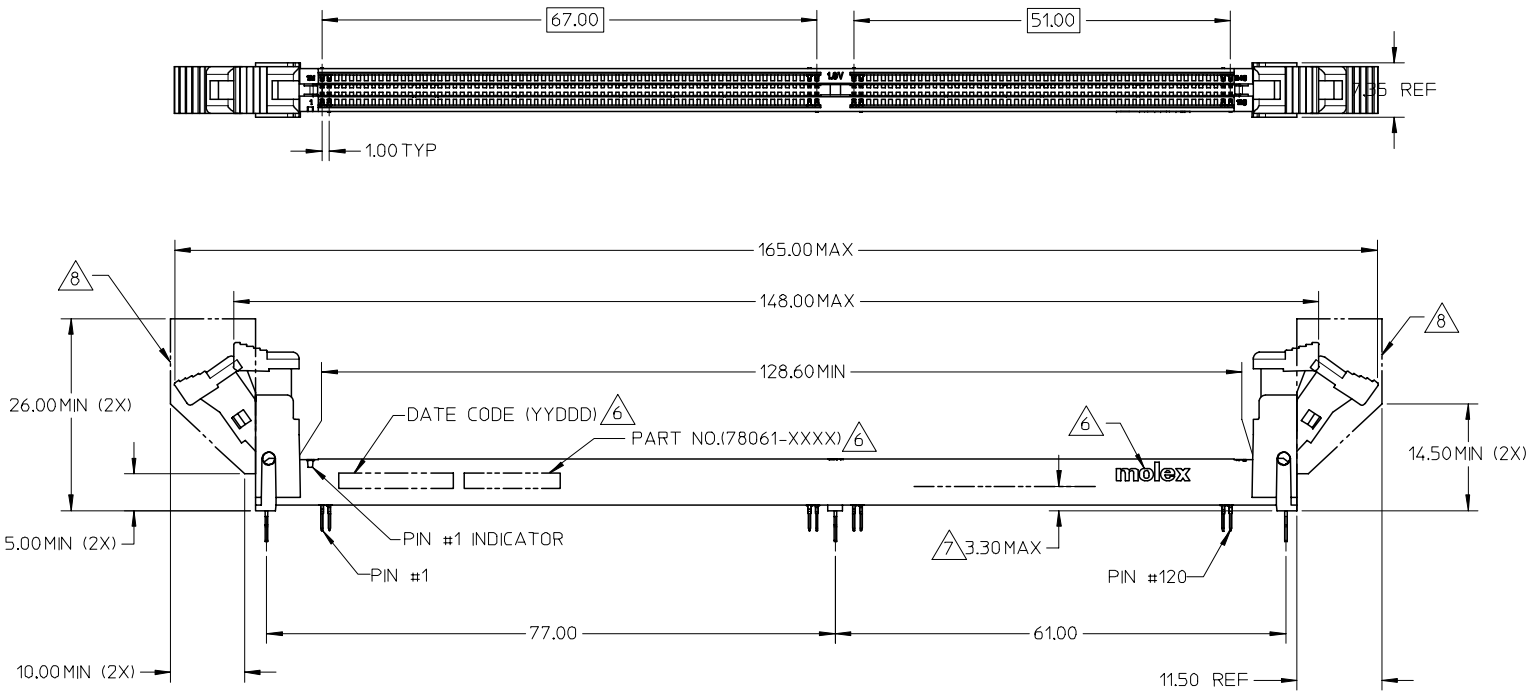
Material Info

Reference - Drawing Numbers

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

This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



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).

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

A4

QUALITY SYMBOLS
▼=0
▽C=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

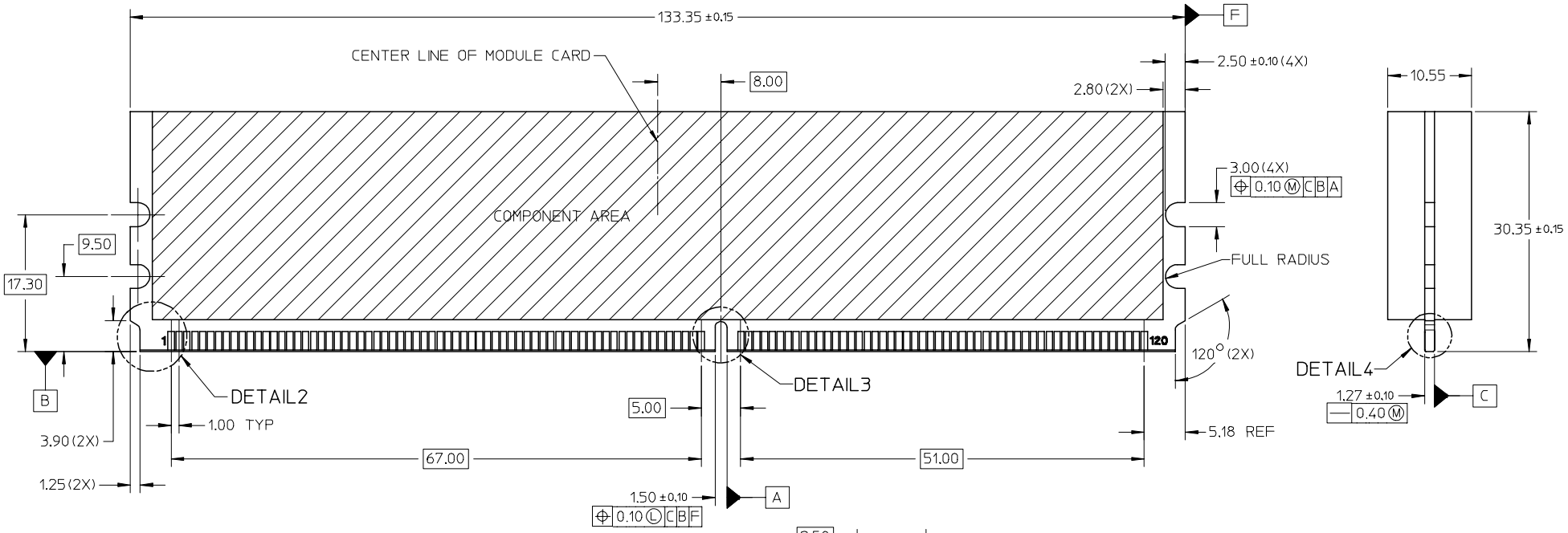
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± ---	± ---
ANGULAR ± 1 °		

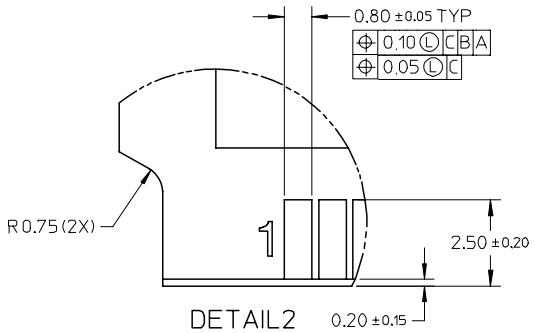
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
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
TITLE	FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H
	MOLEX INCORPORATED
DOCUMENT NO.	SD-78061-001
SHEET NO.	1 OF 5
SIZE	A3

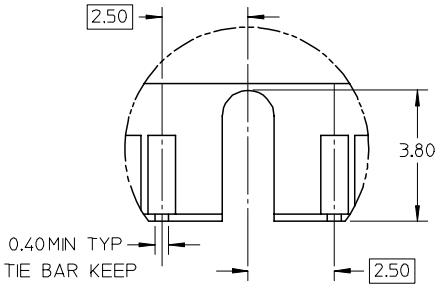
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MODULE CARD
FB DIMM, DUAL IN-LINE MEMORY MODULE FAMILY 1.00MM CONTACT CENTERS
(PER JEDEC MO-256 REV.C, DATE : 12/05)

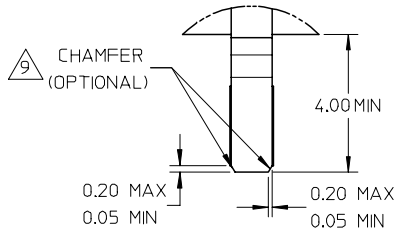




DETAIL2



DETAIL3



DETAIL4

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

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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	NTS	METRIC	

DRAWN BY JTAN	DATE 2005/10/20
CHECKED BY SRRAMESH	DATE 2005/12/05
APPROVED BY GGLEE	DATE 2005/12/06

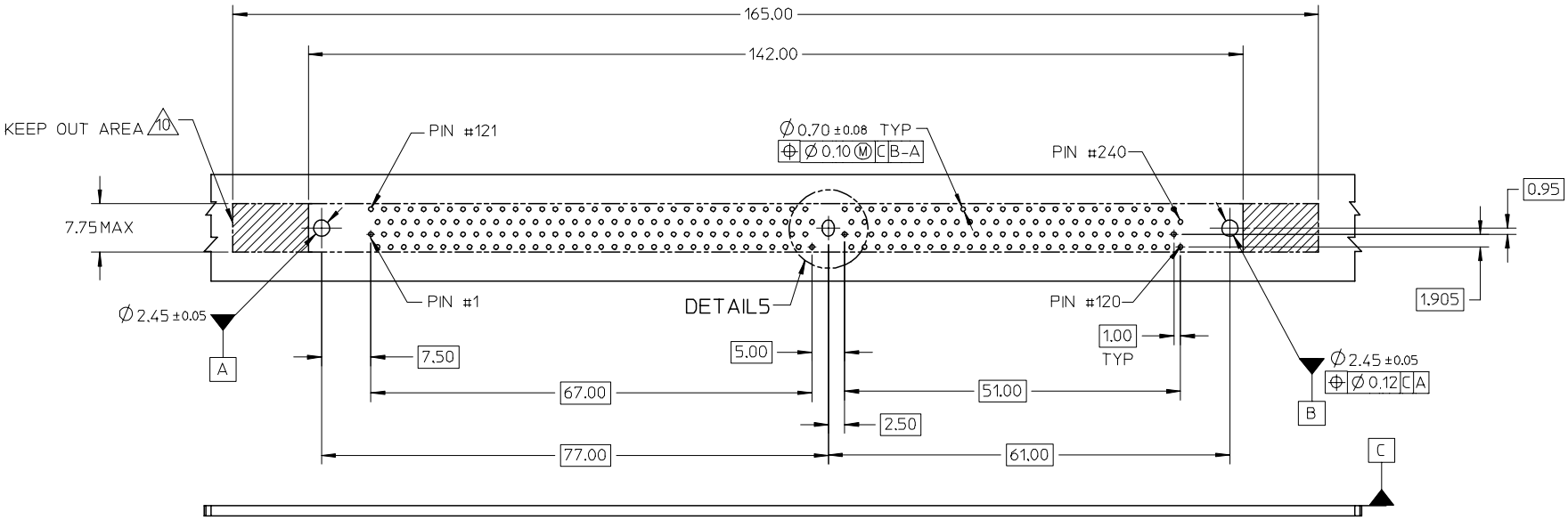
TITLE: FB DIMM, 1.00MM PITCH
240 CKTS, VERTICAL T/H

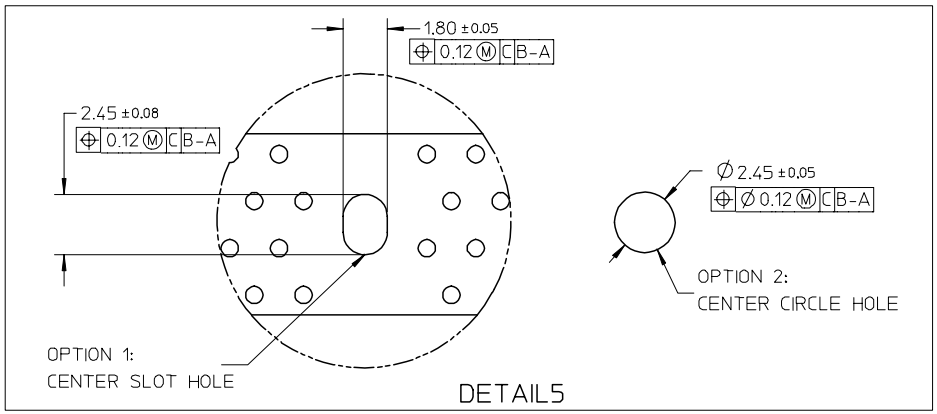
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MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-78061-001	SHEET NO. 2 OF 5

SIZE A3

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

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
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JTAN DATE: 2005/10/20
CHECKED BY: SRRAMESH DATE: 2005/12/05
APPROVED BY: GGLEE DATE: 2005/12/06

TITLE: FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-78061-001
SHEET NO.: 3 OF 5

SIZE A3

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

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
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JTAN DATE: 2005/10/20
CHECKED BY: SRRAMESH DATE: 2005/12/05
APPROVED BY: GGLEE DATE: 2005/12/06

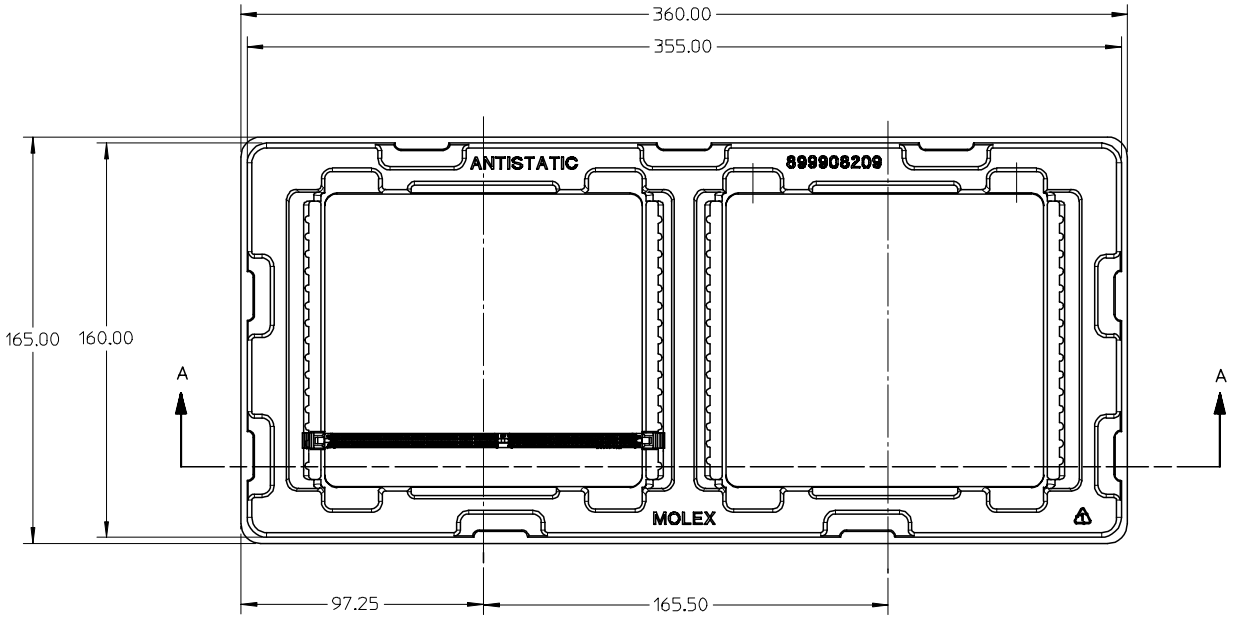
TITLE: FB DIMM, 1.00MM PITCH
240 CKTS, VERTICAL T/H

molex MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-78061-001
SHEET NO.: 4 OF 5

SIZE: A3

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

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

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
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JTAN DATE: 2005/10/20
CHECKED BY: SRRAMESH DATE: 2005/12/05
APPROVED BY: GGLEE DATE: 2005/12/06

TITLE: FB DIMM, 1.00MM PITCH 240 CKTS, VERTICAL T/H

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-78061-001
SHEET NO.: 5 OF 5

SIZE A3

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