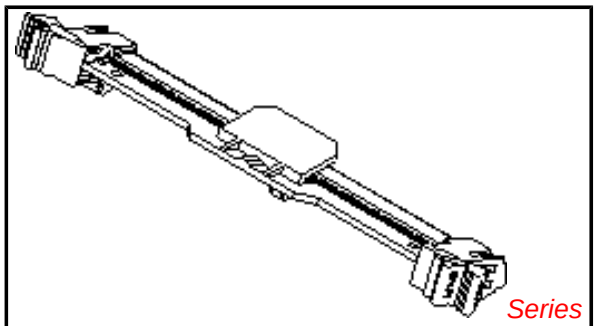
This document was generated on 04/13/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0780350202

Status: Active

Description: 0.60mm (.024") Pitch miniDIMM DDR Socket, Surface Mount, 22.5° Reverse Angle, 0.76µm (30µ") Gold (Au) Plating, Off-White Latches, with Pick-and-Place Cap, 200 Circuits, 2.5V Voltage Key, Lead-free



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-78035-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR 19980
UL	E29179

General

Product Family	Memory Module Sockets
Series	78035
Comments	<LI>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	22.5° Angle
Flammability	94V-0
Keying to Mating Part	Yes
Material - Metal	Copper Alloy
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
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.54
Temperature Range - Operating	-10°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1A
Voltage - Maximum	30V
Voltage Key	2.5V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

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
78035Series

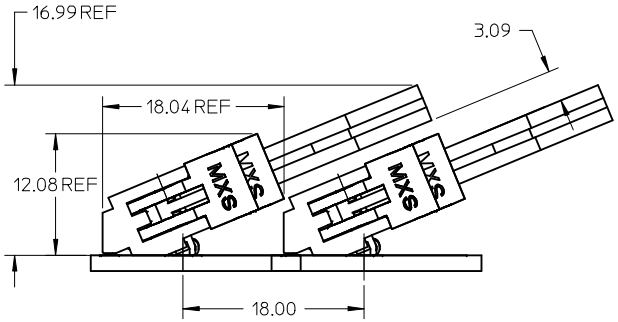
Mates With
JEDEC MO-258 modules

Reference - Drawing Numbers

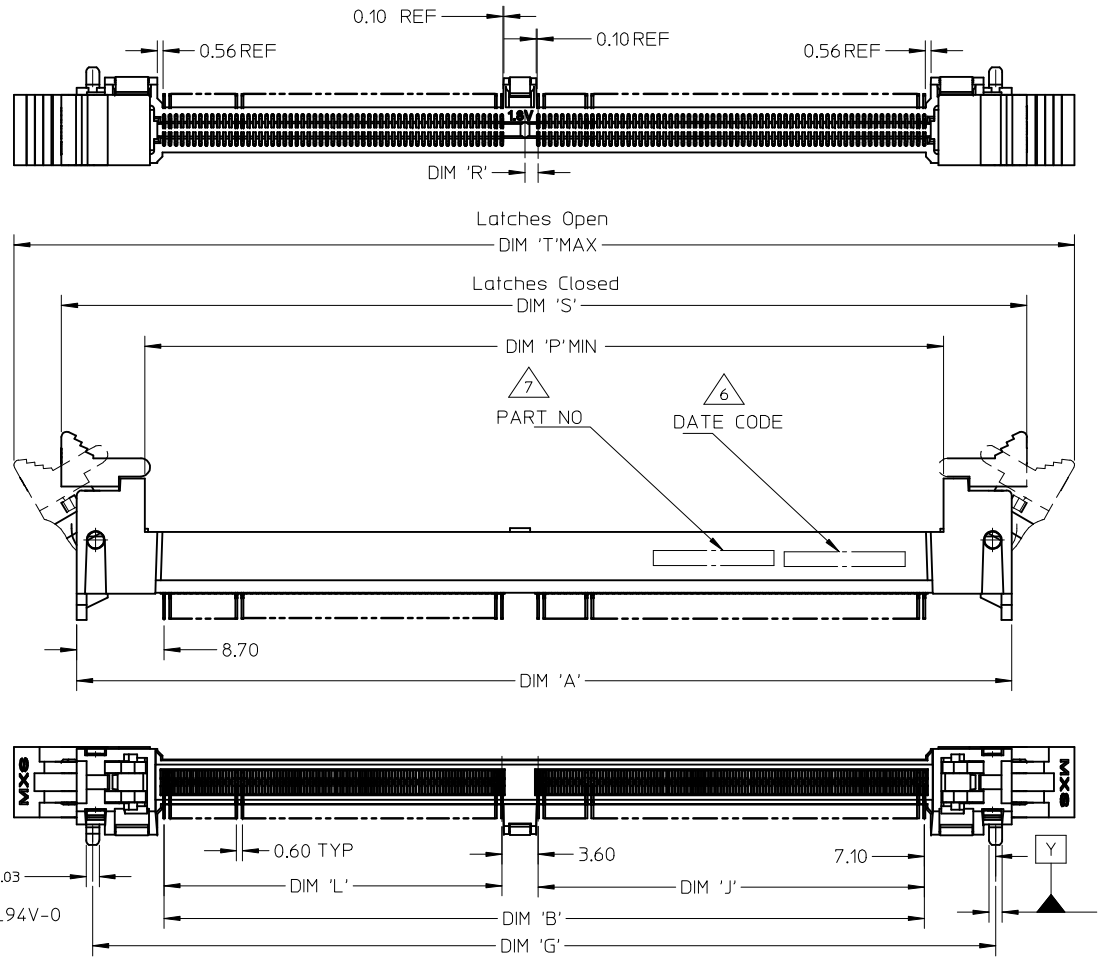
Product Specification	PS-78035-001
Sales Drawing	SD-78035-001

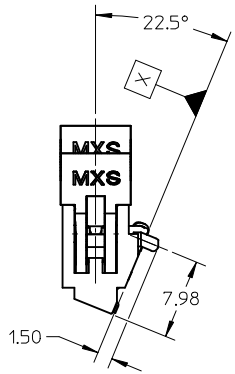
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



MINIMUM HEIGHT OF SOCKET WITH MODULE CARD HEIGHT OF 30.00MM AND THICKNESS OF 4MM.





NOTES :
1. MATERIAL :
   HOUSING : HIGH TEMPERATURE LIQUID CRYSTAL POLYMER, UL94V-0
   COLOUR : BLACK
   CONTACTS : COPPER ALLOY
   LATCHES : HIGH TEMPERATURE NYLON, UL94V-0
   COLOUR : NATURAL (OFF-WHITE)
   COVER : HIGH TEMPERATURE NYLON, UL 94V-0
   COLOUR : BLACK

2. FINISH
   CONTACTS : 0.76 MICROMETER (30 MICROINCH) MIN GOLD OVER 1.25 MICROMETER (50 MICROINCH) MIN NICKEL
   SMT TAIL : 2.54 MICROMETER (100 MICROINCH) MIN TIN OVER 1.25 MICROMETER (50 MICROINCH) MIN NICKEL
3. ACCEPTS 1.0mm THICK MEMORY MODULE PER JEDEC MO-244 FOR 244 CKTS AND MO-258 FOR 200 CKTS.
4. PRODUCT SPECIFICATION : PS-78035-001.
5. PRODUCT SHALL BE PACKED IN TRAY

△6. DATE CODE SHALL BE MARKED LEGIBLY AS SHOWN : YY DDD.

△7. PART NUMBER SHALL BE MARKED LEGIBLY AS SHOWN : 78035-XXXX (REFER TO TABLE).

REV	DESCRIPTION	DRWN	CH'KD	APPR	DATE
D	NEW COVER EC NO: S2010-0004	TARUMUGHAM	CGTAN	SHLENI	2009/08/12 2009/08/12 2009/08/17

QUALITY SYMBOLS
▼=0
Ⓒ=0

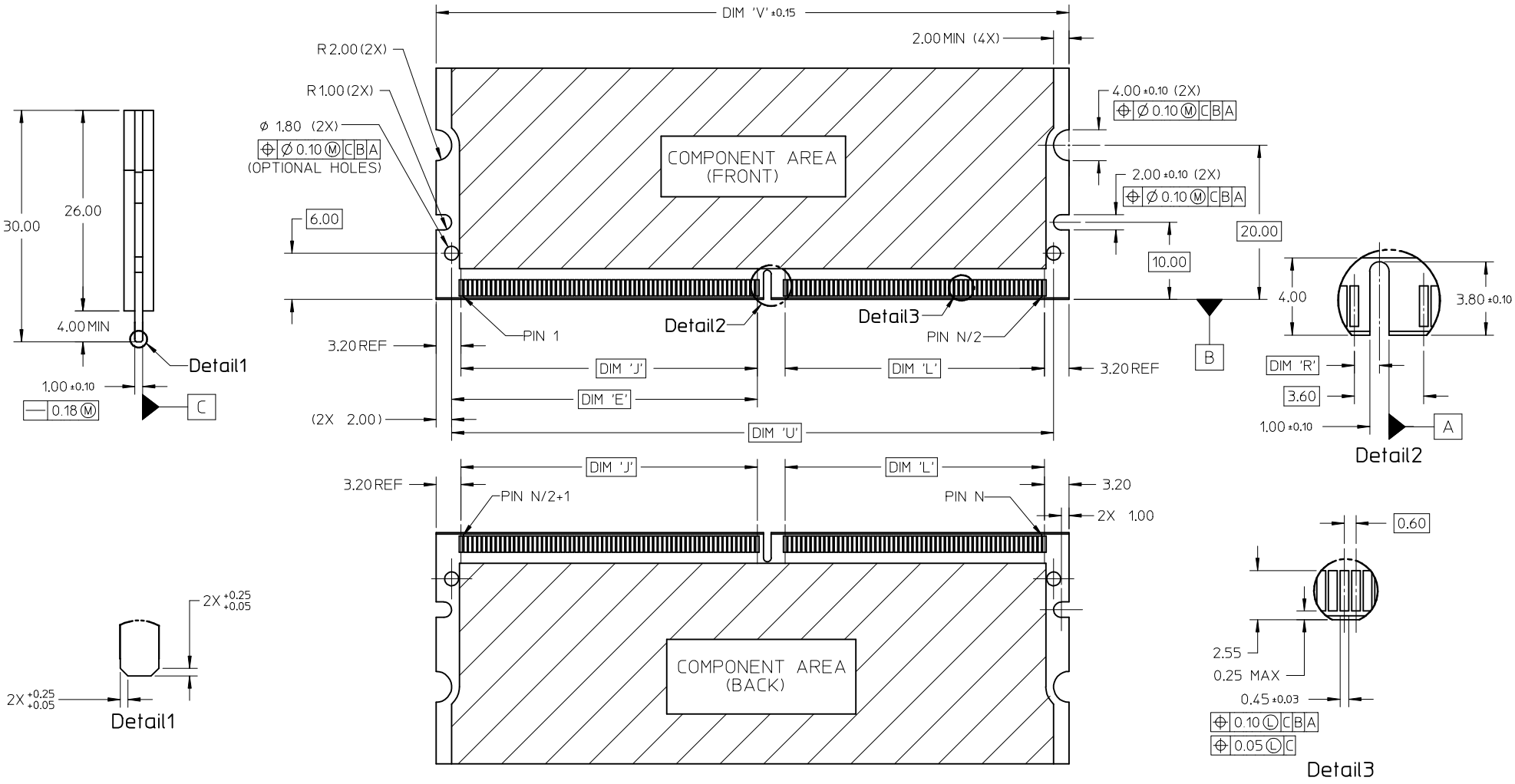
GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	YTYANG01
DATE	2005/08/12
CHECKED BY	SHLENI
DATE	2005/08/25
APPROVED BY	GGLEE
DATE	2005/08/25
MATERIAL NO.	SEE TABLE
TITLE	MINI DIMM, 0.60MM PITCH 200/244 CKTS, REV. ANGLE 22.5 DEG, SMT
	MOLEX INCORPORATED
DOCUMENT NO.	SD-78035-001
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



NEW COVER
EC NO: S2010-0004 2009/08/12
DRWN:TARUMUGHAM 2009/08/12
CH'KD:CGTAN 2009/08/17
APPR:SHLENI
DESCRIPTION
REV
D

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

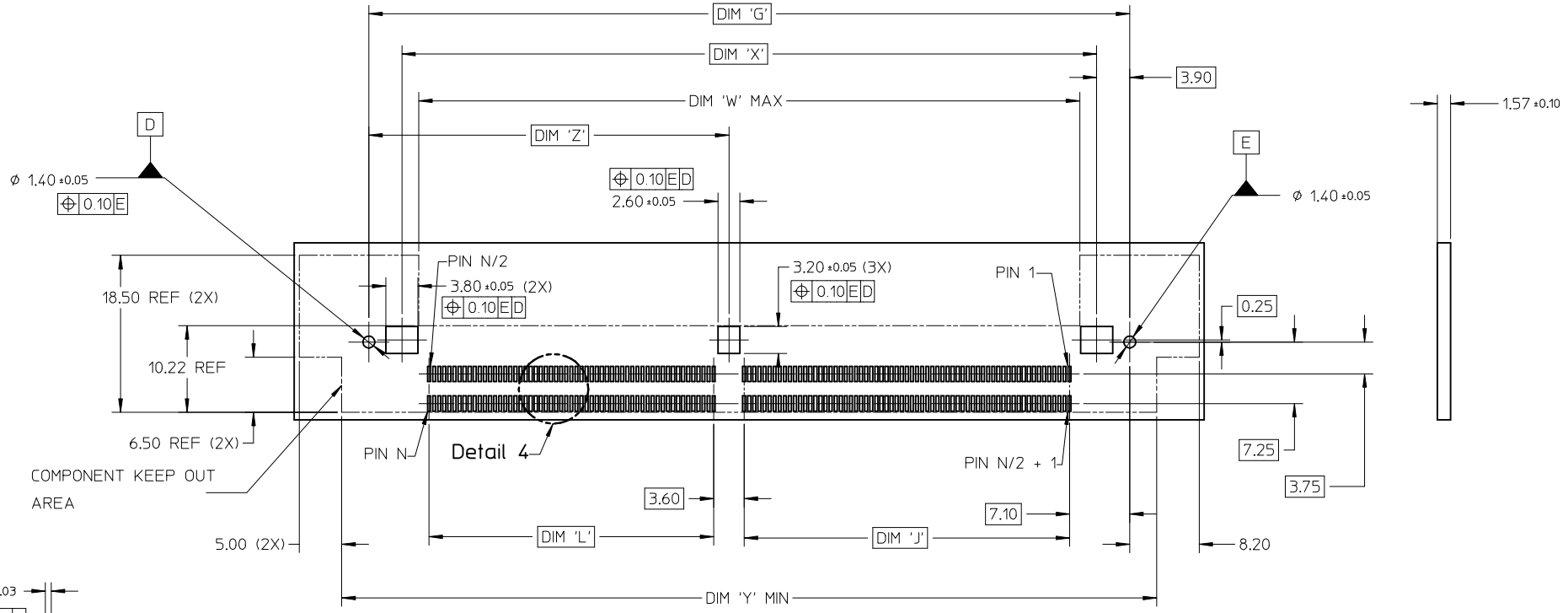
		DATE
DRAWN BY	YTYANG01	2005/08/12
CHECKED BY	SHLENI	2005/08/25
APPROVED BY	GGLEE	2005/08/25

TITLE: MINI DIMM, 0.60MM PITCH 200/244 CKTS, REV. ANGLE 22.5 DEG, SMT

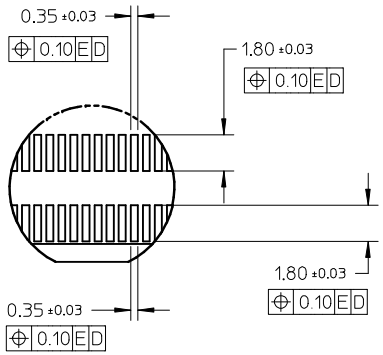
MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-78035-001
SHEET NO.: 2 OF 5
SIZE: A3

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RECOMMENDED PCB LAYOUT



Detail 4

NEW COVER	EC NO: S2010-0004	2009/08/12		
	DRWN:TARUMUGHAM	2009/08/12		
	CH'KD:CGTAN	2009/08/17		
	APPR:SHLENI			
REV	DESCRIPTION			
D				

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

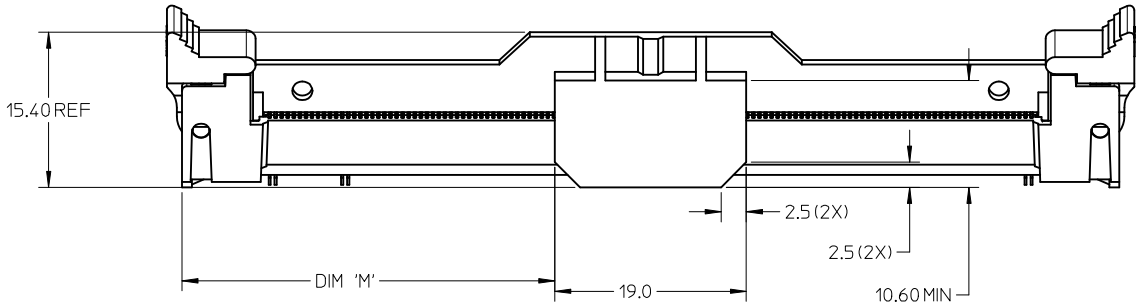
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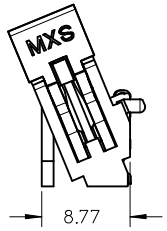
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	YTYANG01
DATE	2005/08/12
CHECKED BY	SHLENI
DATE	2005/08/25
APPROVED BY	GGLEE
DATE	2005/08/25
MATERIAL NO.	SEE TABLE
TITLE	MINI DIMM, 0.60MM PITCH 200/244 CKTS, REV. ANGLE 22.5 DEG, SMT
	MOLEX INCORPORATED
DOCUMENT NO.	SD-78035-001
SHEET NO.	3 OF 5
SIZE	A3

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SHOWN WITH PICK & PLACE COVER

CKT SIZE 'N'	PART NUMBER	MODULE CARD	VOLTAGE KEY	DIM 'R'	DIM 'E'	DIM 'J'	DIM 'L'	DIM 'M'	DIM 'P'	DIM 'G'	DIM 'S'	DIM 'T'	DIM 'U'	DIM 'V'	DIM 'W'	DIM 'X'	DIM 'Y'	DIM 'Z'	DIM 'A'	DIM 'B'
244	78035-0001	DDR2	1.8 V	1.30	39.60	38.40	33.60	37.0	79.0	89.80	96.0	106.20	78.00	82.00	78.0	82.00	96.20	42.50	93.0	75.60
	78035-0301	DDR3	1.5 V	2.30																
200	78035-0201	DDR2	1.8 V	1.30	24.60	23.40	35.40	30.4	65.8	76.60	82.8	93.00	64.80	68.80	64.8	68.80	83.00	44.30	79.8	62.40
	78035-0202	DDR	2.5 V	2.30																

NEW COVER
EC NO: S2010-0004
DRWN:TARUMUGHAM 2009/08/12
CH'KD:CGTAN 2009/08/12
APPR:SHLENI 2009/08/17
DESCRIPTION
D
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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SCALE: NTS
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

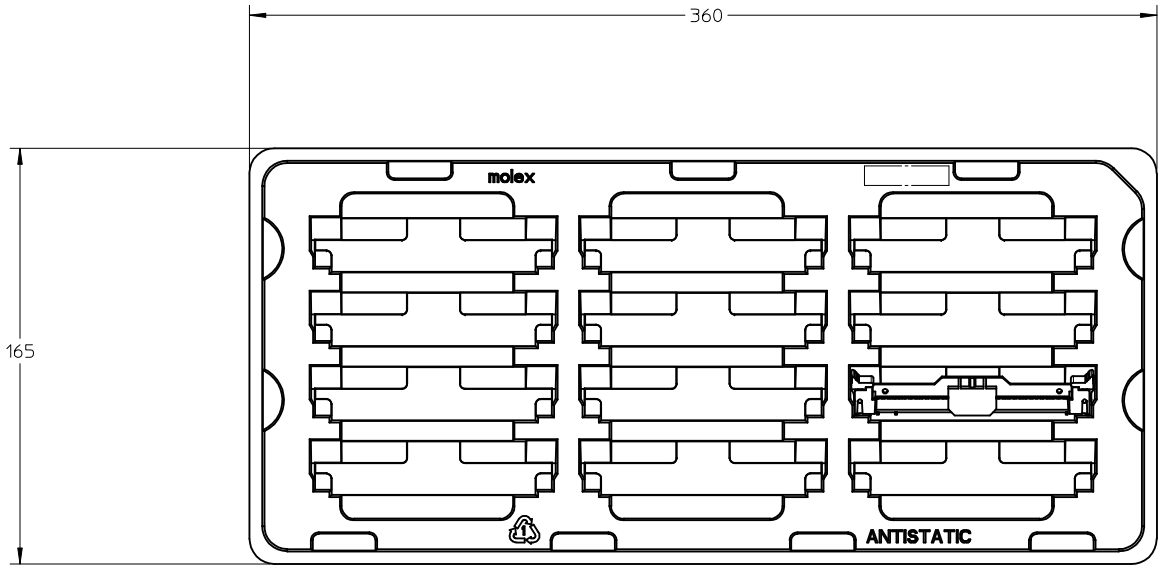
DRAWN BY: YTYANG01 DATE: 2005/08/12
CHECKED BY: SHLENI DATE: 2005/08/25
APPROVED BY: GGLEE DATE: 2005/08/25

TITLE: MINI DIMM, 0.60MM PITCH 200/244 CKTS, REV. ANGLE 22.5 DEG, SMT

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MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-78035-001
SHEET NO.: 4 OF 5
SIZE: A3

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VIEW OF PACKAGING TRAY

NOTES:

1. QTY OF CAVITY: 3 X 4 = 12 PCS

REV	DESCRIPTION	
D	NEW COVER	
	EC NO: S2010-0004	
	DRWN:TARUMUGHAM	2009/08/12
	CH'KD:CGTAN	2009/08/12
	APPR:SHLENI	2009/08/17

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	NTS
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	YTYANG01
DATE	2005/08/12
CHECKED BY	SHLENI
DATE	2005/08/25
APPROVED BY	GGLEE
DATE	2005/08/25
MATERIAL NO.	SEE TABLE
SIZE	A3

TITLE: MINI DIMM, 0.60MM PITCH 200/244 CKTS, REV. ANGLE 22.5 DEG, SMT

MOLEX INCORPORATED

DOCUMENT NO. SD-78035-001

SHEET NO. 5 OF 5

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