

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0780350301](#)  
**Status:** **Active**  
**Description:** 0.60mm (.024") Pitch miniDIMM DDR3 Socket, Surface Mount, 22.5° Reverse Angle, 0.76µm (30µ") Gold (Au) Plating, Off-White Latches, 244 Circuits, 1.5V Voltage Key, Lead-free

**Documents:**

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

**General**

Product Family	Memory Module Sockets
Series	<a href="#">78035</a>
Comments	<LI>Latches in Off-White Color
Component Type	Socket
JEDEC Outline	MO-244
Product Name	MiniDIMM

**Physical**

Circuits (Loaded)	244
Color - Resin	Black, Natural (White)
Durability (mating cycles max)	25
Entry Angle	22.5° Angle
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	-55°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	30V
Voltage Key	1.5V

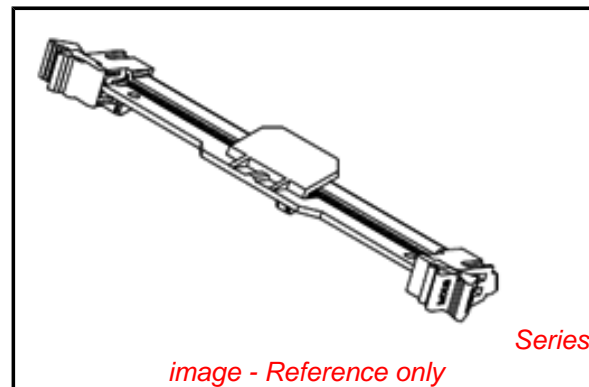
**Solder Process Data**

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**

**Reference - Drawing Numbers**

Application Specification	AS-87782-001
Product Specification	PS-78035-001
Sales Drawing	SD-78035-001



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
Status**

**China RoHS**



**Not Reviewed**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

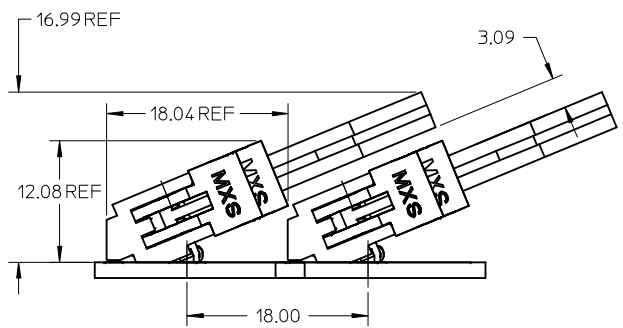
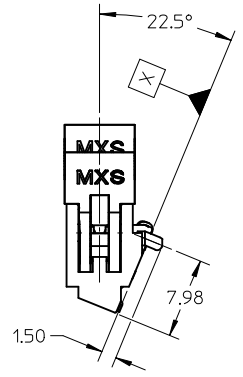
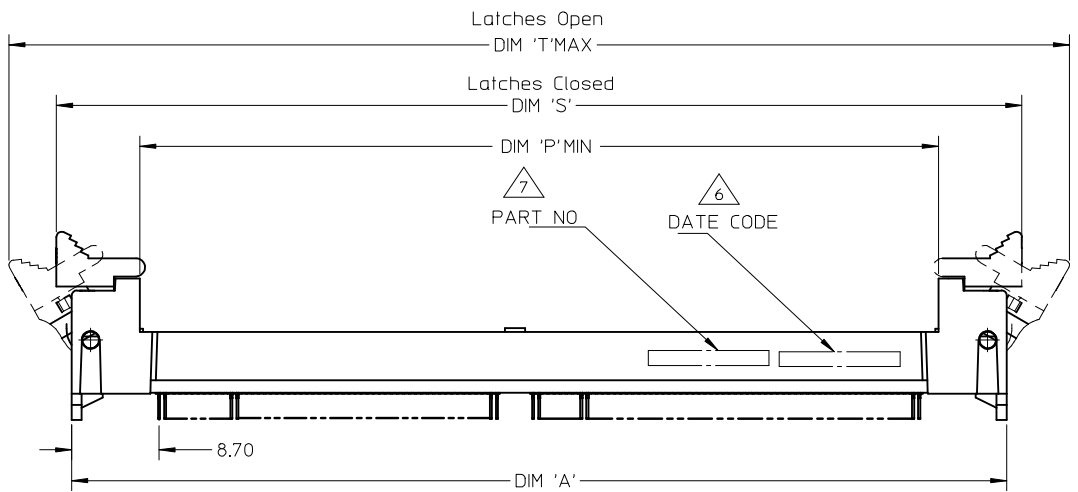
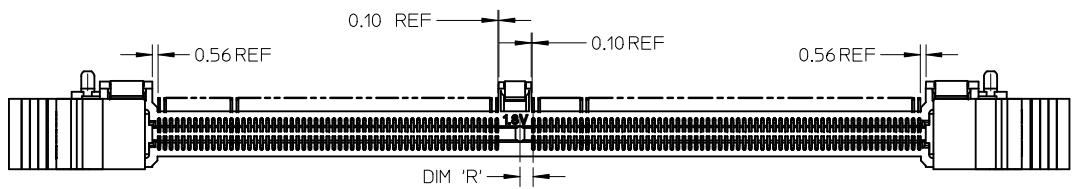
[78035Series](#)

**Mates With**

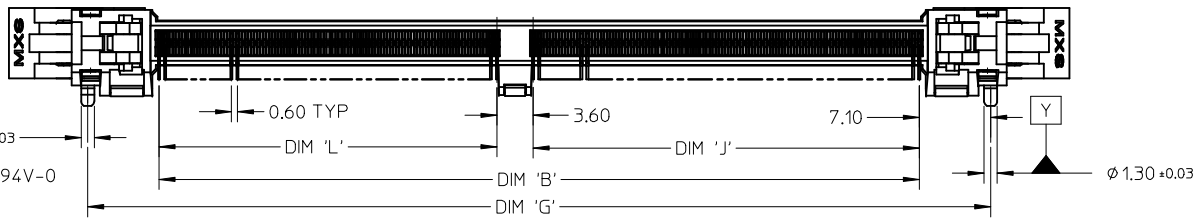
JEDEC MO-244 Modules

This document was generated on 04/26/2010

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

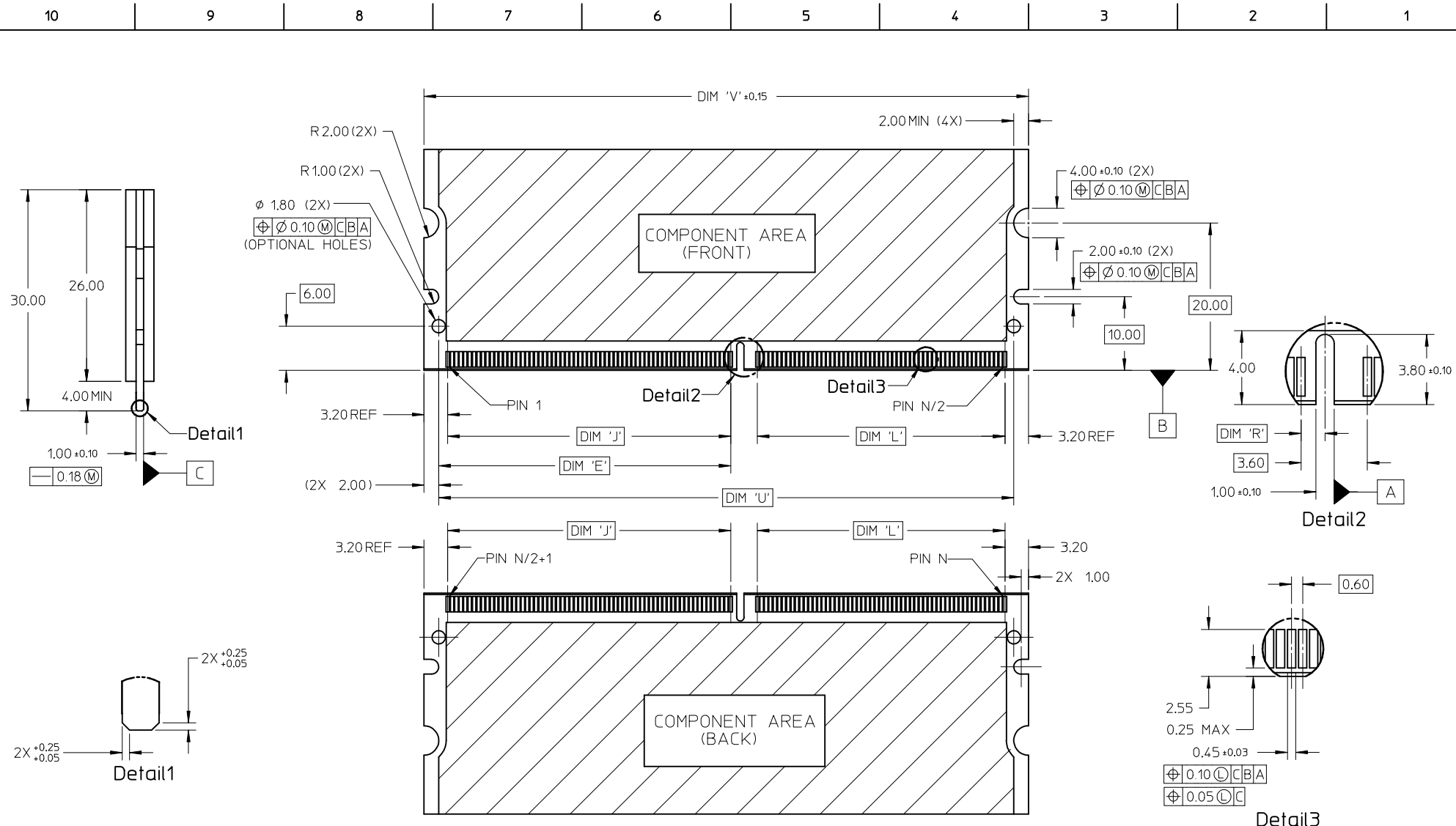


- NOTES :
- MATERIAL :  
HOUSING : HIGH TEMPERATURE LIQUID CRYSTAL POLYMER, UL94V-0  
COLOUR : BLACK  
CONTACTS : COPPER ALLOY  
LATCHES : HIGH TEMPERATURE NYLON, UL94V-0  
COLOUR : NATURAL (OFF-WHITE)  
COVER : HIGH TEMPERATURE NYLON, UL 94V-0  
COLOUR : BLACK

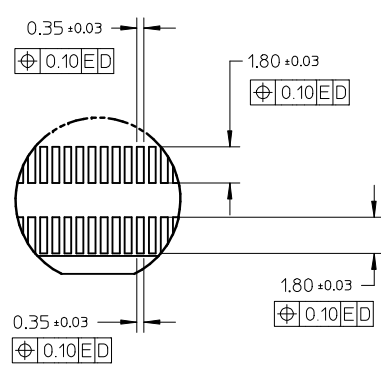
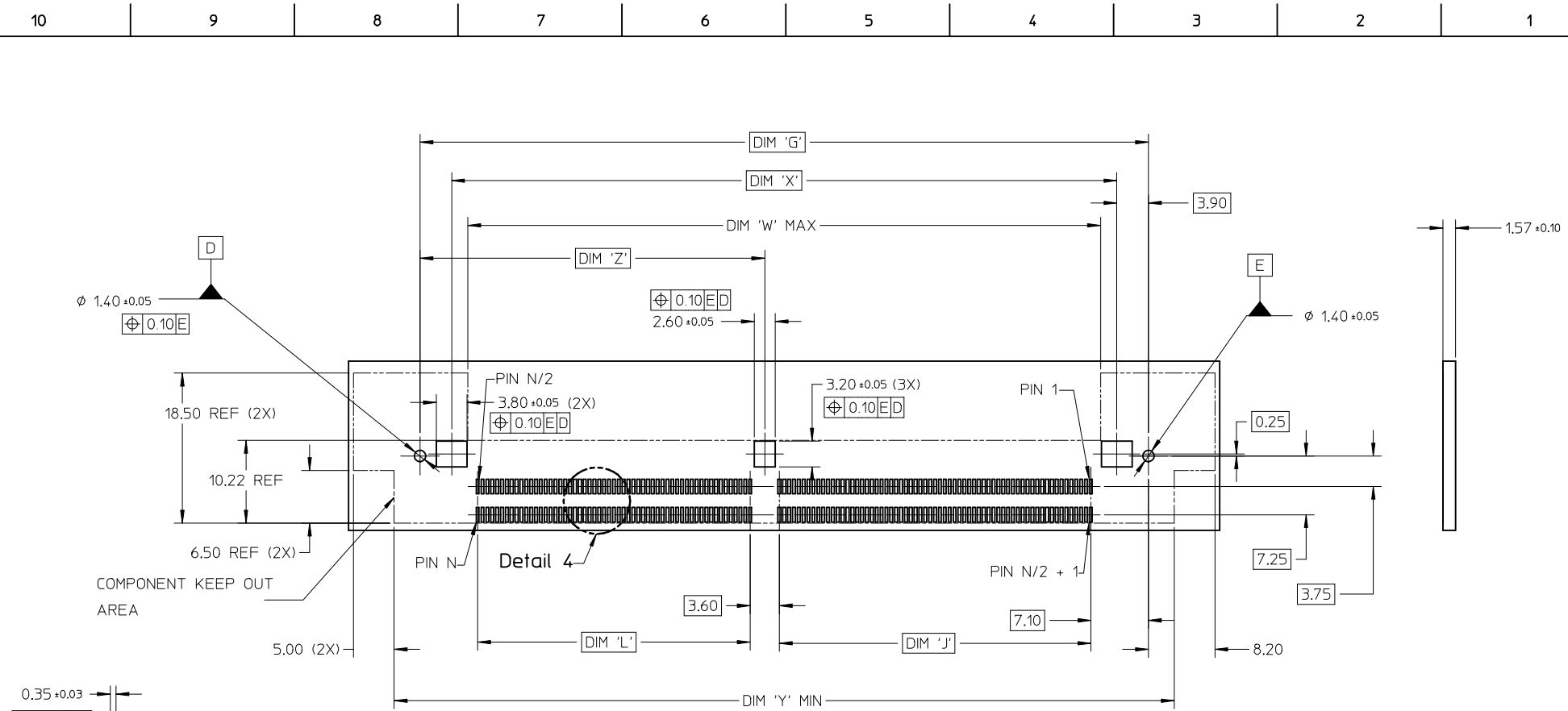
- FINISH  
CONTACTS : 0.76 MICROMETER (30 MICROINCH) MIN GOLD OVER  
1.25 MICROMETER (50 MICROINCH) MIN NICKEL  
SMT TAIL : 2.54 MICROMETER (100 MICROINCH) MIN TIN OVER  
1.25 MICROMETER (50 MICROINCH) MIN NICKEL
- ACCEPTS 1.0mm THICK MEMORY MODULE PER JEDEC MO-244 FOR 244 CKTS AND MO-258 FOR 200 CKTS.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

- △ DATE CODE SHALL BE MARKED LEGIBLY AS SHOWN : YY DDD.
- △ PART NUMBER SHALL BE MARKED LEGIBLY AS SHOWN : 78035-XXXX (REFER TO TABLE).

NEW COVER EC NO: S2010-0004 DRWN: TARUNGHAM 2009/08/12 CHKD: GGTAN 2009/08/12 APPR: SHLENI 2009/08/17	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 YTYANGO1	DATE 2005/08/12	TITLE <b>MINI DIMM, 0.60MM PITCH 200/244 CKTS, REV. ANGLE 22.5 DEG, SMT</b>  <b>MOLEX INCORPORATED</b>  MATERIAL NO. SEE TABLE DOCUMENT NO. SD-78035-001 SHEET NO. 1 OF 5				
			4 PLACES	± ---	± ---	CHECKED BY SHLENI	DATE 2005/08/25					
			3 PLACES	± ---	± ---	APPROVED BY GGLLEE	DATE 2005/08/25					
2 PLACES	± 0.13	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
1 PLACE	± 0.25	± ---	SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
		ANGULAR ± 1 °										



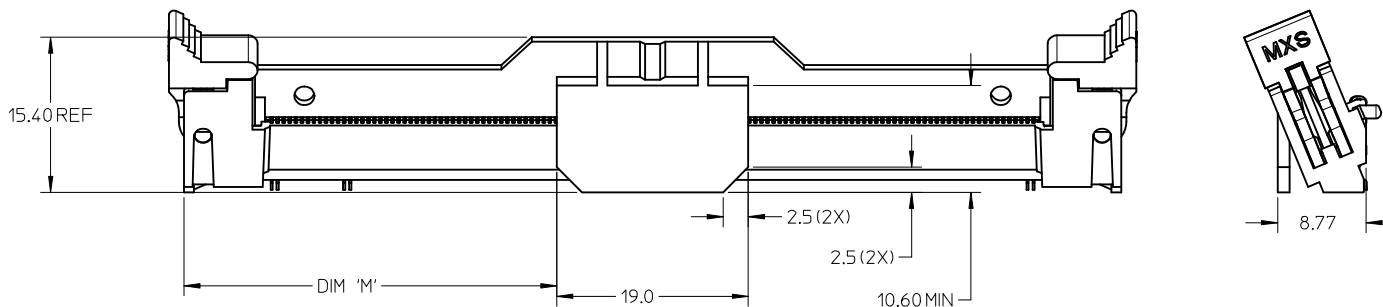
<b>NEW COVER</b> EC NO: S2010-0004 DRWN: TARUNGHAM 2009/08/12 CHKD: GGTAN 2009/08/12 APPR: SHLENI 2009/08/17	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ± 1 °</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	ANGULAR ± 1 °			DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: YTYANG01 CHECKED BY: SHLENI APPROVED BY: GGLEE MATERIAL NO.	SCALE: NTS DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: <b>MINI DIMM, 0.60MM PITCH          200/244 CKTS, REV. ANGLE          22.5 DEG, SMT</b> <b>MOLEX INCORPORATED</b>
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE TABLE	DATE: 2005/08/12 DATE: 2005/08/25 DATE: 2005/08/25	DOCUMENT NO.: SD-78035-001	SHEET NO.: 2 OF 5																			
SIZE: A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						



Detail 4

RECOMMENDED PCB LAYOUT

<b>NEW COVER</b> EC NO: S2010-0004 DRWN: TARUMUGHAM 2009/08/12 CHKD: CGTAN 2009/08/12 APPR: SHLENI 2009/08/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE			
	∇=0	4 PLACES ± ---	± ---	YTYANG01	2005/08/12	MINI DIMM, 0.60MM PITCH			
		3 PLACES ± ---	± ---	CHECKED BY	DATE	200/244 CKTS, REV. ANGLE			
	2 PLACES ± 0.13	± ---	SHLENI	2005/08/25	22.5 DEG, SMT				
	1 PLACE ± 0.25	± ---	APPROVED BY	DATE	MOLEX INCORPORATED				
		ANGULAR ± 1 °	GGLEE	2005/08/25	DOCUMENT NO.				
			MATERIAL NO.	SEE TABLE				SD-78035-001	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NO.	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				3 OF 5	

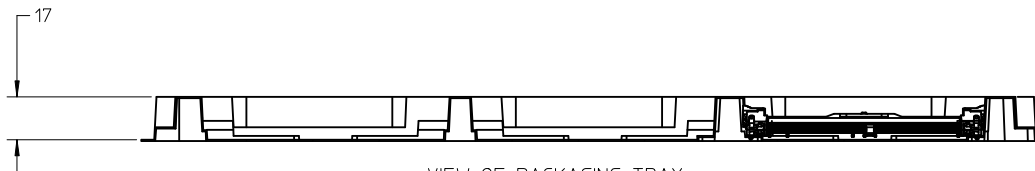
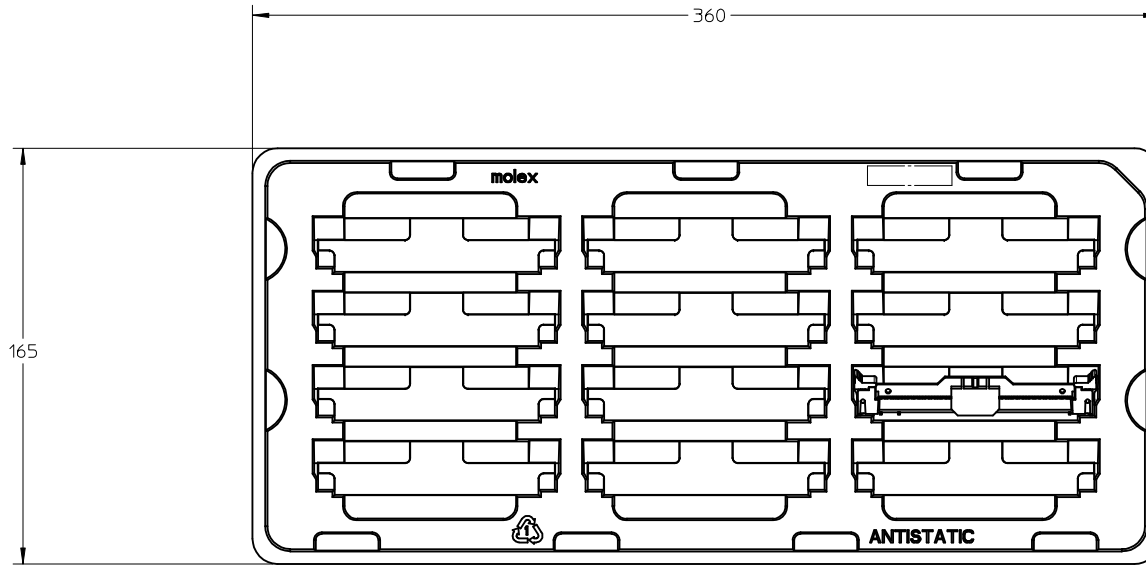


SHOWN WITH PICK & PLACE COVER

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																

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	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. <b>SEE TABLE</b>	<b>MOLEX INCORPORATED</b>	
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10 9 8 7 6 5 4 3 2 1



VIEW OF PACKAGING TRAY

NOTES:

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

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9 8 7 6 5 4 3 2 1



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### Наши контакты:

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**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

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