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Part Number: <u>0877050051</u>

Status: Active

Description: 1.00mm (.039") Pitch DDR-II DIMM Socket, Vertical, Center Keys, 2.67mm (.105") Tail Length, Beige Latches, with Beveled Metal Pins, 240 Circuits, 0.76μm (30μ") Gold (Au)

Plating, Lead-Free

**Documents:** 

3D Model Product Specification PS-87705-002 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family Memory Module Sockets

Series <u>87705</u>

Comments <LI>Latches in Beige Color

Component Type Socket
JEDEC Outline MO-237
Product Name DDR2 DIMM

**Physical** 

Circuits (Loaded) 240

Color - Resin Black, Natural

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 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 Plating min: Mating (µin) 30.4 Plating min: Mating (µm) 0.76 Plating min: Termination (µin) 101.6

Plating min: Termination (µm)

2.54

Temperature Range - Operating

-10°C to +85°C

Termination Interface: Style

Through Hole

**Electrical** 

Current - Maximum per Contact 0.5A Voltage - Maximum 30V

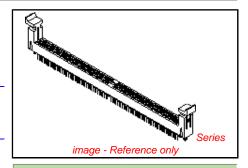
Voltage Key 1.8V, Center

**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



China RoHS

EU RoHS ELV and RoHS Compliant

REACH SVHC
Contains SVHC: No

Halogen-Free Status Not Reviewed

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 <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

87705Series

JEDEC standard 1.27mm modules

Downloaded from **Elcodis.com** electronic components distributor

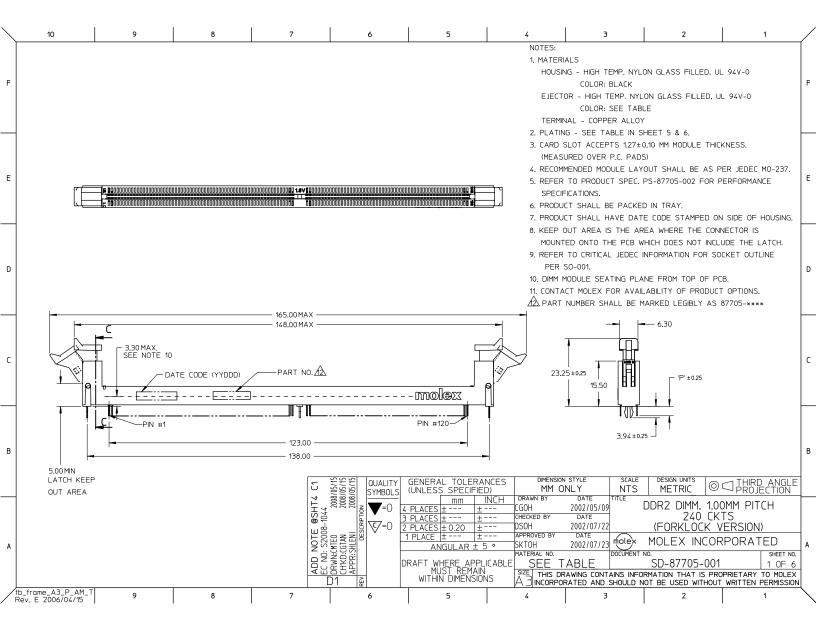
Process Temperature max. C 260

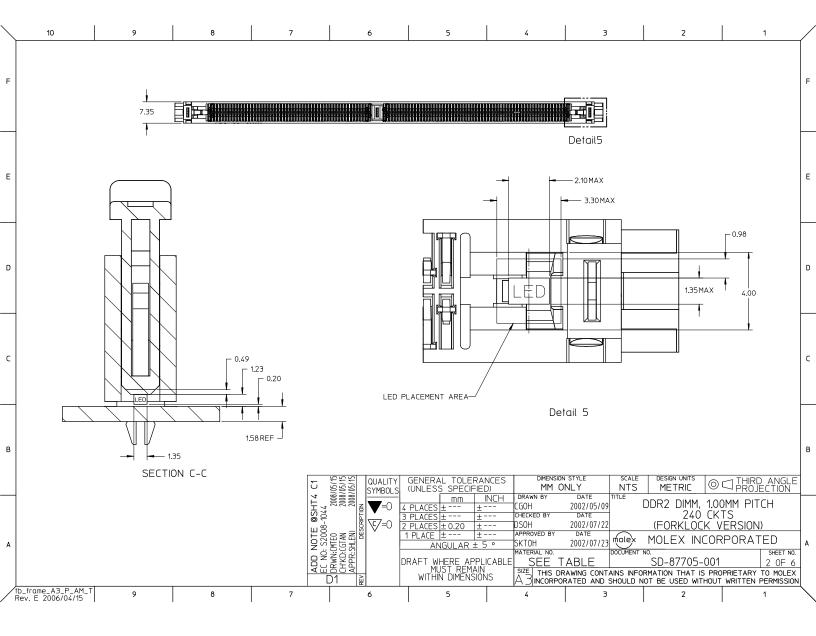
**Material Info** 

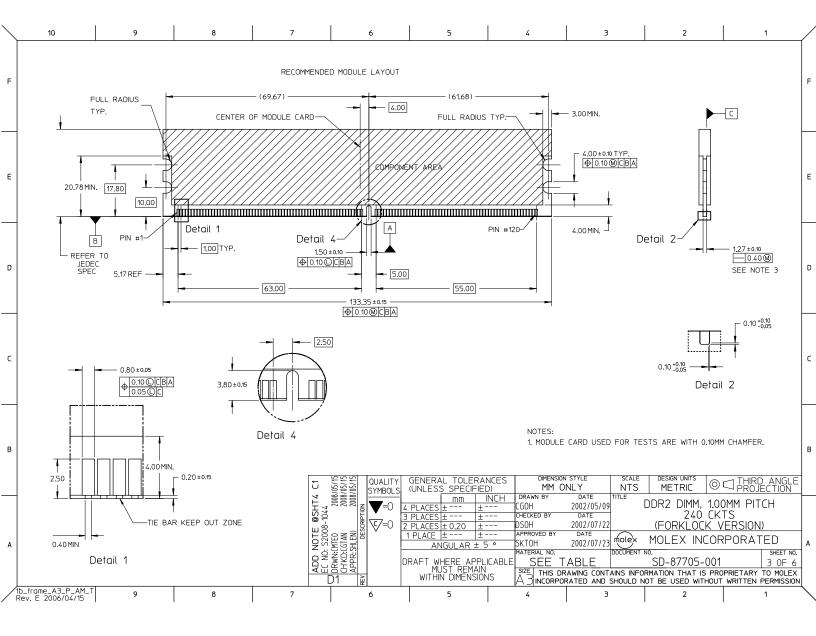
Reference - Drawing Numbers Product Specification PS-87705-002 Sales Drawing SD-87705-001

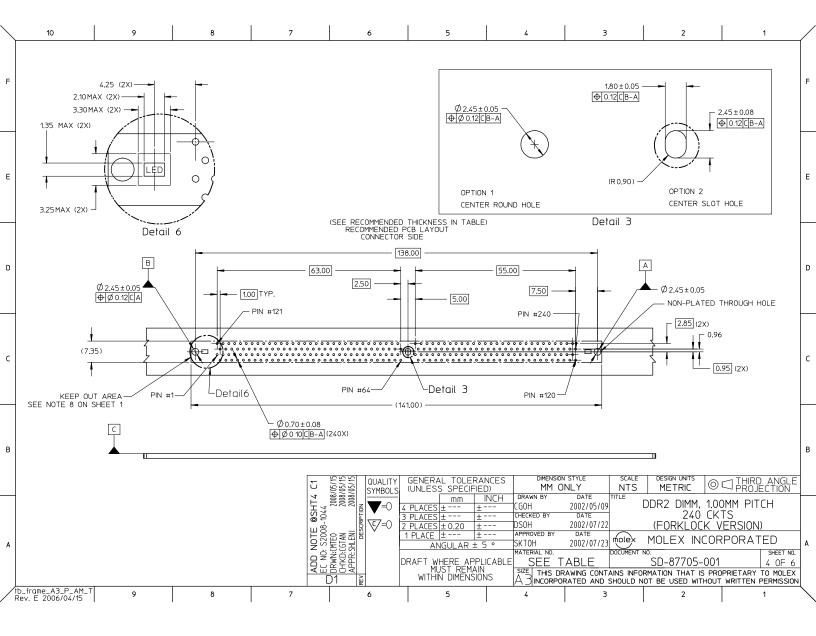
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				PART NO.	KEY POS.	DIM 'P'	RECOMMENDED PCB THICKNESS	PLATING OPTION	LATCH COLOR
				87705-0021		2.67	1.57	0.38uM / 15 uIN MIN. GOLD ON CONTACT,	
				87705-1021		3.18	2.36	2.54uM/ 100uIN MIN. TIN ON SOLDERTAILS,	
_				87705-1053		3.66	2.36	1.27uM/ 50uIN MIN. NICKEL UNDERPLATE	
				87705-0031	CENTER (1.8V)	2.67	1,57	0.03um / 1 uin min. Gold on contact, 2.54um/ 100uin min. Tin on soldertalls,	NATURAL
				87705-1031		3,18	2.36	1.27um/ 50uln min. Nickel underplate	
				87705-0051		2.67	1.57	0.76uM / 30 uIN MIN. GOLD ON CONTACT, 2.54uM/ 100uIN MIN. TIN ON SOLDERTAILS,	
				87705-1051		3.18	2.36	1.27uM/ 50uIN MIN. NICKEL UNDERPLATE	
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F				87705-5051		2,67	1.57	0.76uM / 3	0.76uM / 30 uIN MIN. GOLD ON CONTACT,			F
				87705-5151	-	3.18	2.36		2.54um/ 100uln MIN. TIN ON SOLDERTAILS,			
				0,703 3131			2.50		1.27um/ 50uin Min. NICKEL UNDERPLATE 0.38um / 15 uin Min. GOLD ON CONTACT,			
	-			87705-6151	CENTER (1,8V)	3.18	2.36		OUIN MIN. TIN ON SOLI			
					_	<del> </del>			1.27uM/ 50uIN MIN. NICKEL UNDERPLATE  0.38uM / 15 uIN MIN. GOLD ON CONTACT,			
_				87705-9101	,	2.67	1.57		00uIN MIN. TIN ON SOL		BLACK	E
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