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10023061 -10104

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10023061 -10104

**Vertical Through Mount 240 Position  
DDR2 DIMM Connector, 1 mm (0.039  
in.) Centerline with Row-to-Row tail  
spacing of 1.9 mm (0.075 in.)**

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**Specifications**

General Dimensional Electrical Mechanical Mounting Physical Approvals / Other  
Certifications Features

<b>General</b>	
Contact type	Stamped
Number of contacts (Total)	240
Orientation	Vertical
Product Type	DDR2 DIMM
Memory Key Side	Center
Memory Type	DDR2 Memory Connecto
Insertion Style	Direct
Mating half	Designed for use with modules made to JEDEC Specifications MO-237
Number of ejectors	2
Number of slots	1
<b>Dimensional</b>	
Height (Above board)	25.6 mm (1.01 in.)
Length (Tail)	2.67 mm (0.105 in.)
Length (Peg)	4.3 mm
Spacing (Center line)	1 mm (0.039 in.)
<b>Electrical</b>	
Withstanding Voltage	500V AC rms
Capacitance	0.3 pf max. C12 at 400 MHz
Current rating	0.5 Amps @ 30°C
Resistance (Contact)	30 m ohms
Resistance (Insulation)	1 M ohms min
Voltage rating	100V AC
<b>Mechanical</b>	
Durability (Mating cycles)	25 Mating Cycles per EIA 36
Normal force	0.49N (50 gf)
Retention force (Contact)	2.94N (300g)
<b>Mounting</b>	
Alignment pegs	3
Mounting style	Board Through - Mount
Solder process	Wave
<b>Physical</b>	
Color (Ejector)	Ivory
Color (Housing)	Black
Material (Contact)	Copper Alloy
Material (Housing)	Thermoplastic (UL 94 V-O)
Plating (Contact area)	0.076 µm (3 µin.) Gold
Plating (Tail)	2.54 µm (100 µ in.) Tin-Lead
Underplating (Contact)	1.27 µm (50 µin.) Nickel
Operating Voltage	1.8V
Temperature (Operating- continuous)	+85°C
Temperature (Range)	-55°C to +105°C
<b>Approvals / Certifications.</b>	
Approvals / Certifications	UL Approved
Standards	JEDEC M0237
<b>Other Features</b>	
Packaging (Type)	Tray