

FEATURES AND SPECIFICATIONS



Molex has expanded the miniDIMM socket family with the Reverse Right Angle, Right Angle and 22.5° Reverse Angle version to be used in wider variety of applications.

The miniDIMM memory sockets was designed to accept DDR-2 miniDIMM memory modules (MO-244 -244 pin & MO-258 - 200 pin). Engineered in surface mount technology with a small form factor helps where space constraint is a concern and demand for high memory density is critical. miniDIMM is especially useful in applications where multiple memory modules are required.

Typical applications include 1U and 2U servers, blade servers, high-end computers, telecom switches and routers, networking, RAID storage and PCI/PCIe cards. Having a relatively small pitch

**0.6mm (.236") Pitch
DDR2 miniDIMM Socket
200/244 Circuits**

78001 – Reverse Right Angle, SMT

87782 – Vertical, SMT

87783 – 22.5° Angle, SMT

87918 – Right Angle, SMT

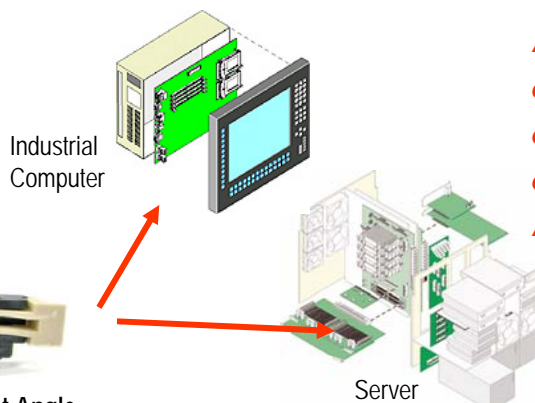
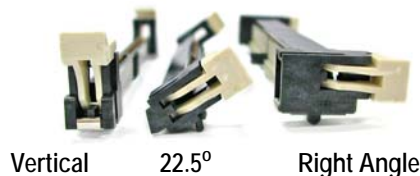
78035 - 22.5° Reverse Angle, SMT

Features and Benefits

- **Small pitch of 0.6mm permits maximum utilization of space available on the PCB**
- **Small form factor allows DIMM to fit into slim enclosures**
- **Surface Mount Technology for easy processing and ability to utilize both sides of PCB**
- **Solder Tabs at both ends and center of housing provide additional mechanical strength after soldering**
- **Robust dual latches provide excellent module retention and easy ejection of module**
- **Accepts JEDEC MO-244 and MO-258 that ensures 100% industry compatibility**
- **Polarization Keys assure correct module orientation**
- **All connectors are pick and place process capable**

APPLICATIONS

- **Servers and HDD**
 - 1U and 2U Servers
 - Blade Servers
 - High-end Computers
- **Telecommunication**
 - Switches and Routers
 - Networking
- **Storage**
 - RAID



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ORDERING INFORMATION

Description	Lead-Free Part Number	Circuit Size	Voltage Key	Latch Color
Reverse Right Angle Surface Mount	78001-1244	244	1.8V	Off-White
	78001-2244		2.5V	
	78001-1200	200	1.8V	
	78001-2200		2.5V	
Right Angle Surface Mount	87918-0001	244	1.8V	
	87918-0002		2.5V	
	87918-0201	200	1.8V	
	87918-0202		2.5V	
Vertical Surface Mount	87782-2003	244	1.8V	
	87782-2002		2.5V	
	87782-2001	200	1.8V	
	87782-2201		1.8V	
22.5° Reverse Angle Surface Mount	87782-2202	200	2.5V	
	78035-0001		1.8V	
	78035-0002	244	2.5V	
	78035-0201		1.8V	
22.5° Angle Surface Mount	78035-0202	200	2.5V	
	87783-0001		1.8V	
	87783-0002	244	2.5V	
	87783-0201		1.8V	
	87783-0202	200	2.5V	
			1.8V	



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