

INTRODUCTION:

Adam Tech DIMM (Dual in Line Memory Module) , S.O. DIMM (Small outline DIMM) & DDR (Double Data Rate) Sockets are Precision designed sockets for add-on memory modules. Offered in SMT & Straight Plug in mounting, their precision formed bellow style contacts are manufactured with extremely close tolerances for superior, precise alignment during mating. The DIMM and DDR latching sockets have a smooth actuation and a positive, audible sound to determine proper insertion.

FEATURES:

184 contacts on high density .050" Centerlines
Complies with JEDEC specifications
3 keys for: 3.3V, 2.5V & 1.8V
Latches function both as Lock & Ejector

MATING OPTIONS:

All industry standard memory modules

SPECIFICATIONS:

Material:

Standard insulator: Glass reinforced, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0
Latch: Nylon 66 rated UL94V-0
Insulator color: DIMM & DDR: Black
SO DIMM: White

Contacts: Phosphor Bronze

Contact Plating:

Gold over nickel underplate in contacts area, tin over copper underplate on solder tails

Electrical:

Operating voltage: 250V AC max.
Current rating: 0.5 Amp max.
Contact resistance: 30 mΩ max. initial
Insulation resistance: 1000 MΩ min.
Dielectric withstanding voltage: 500V AC for 1 minute

Mechanical:

Insertion Force: 4 oz max
Withdrawal Force: 1 oz min

Temperature Rating:

Operating temperature: -55°C to +105°C
Soldering process temperature:
Standard insulator: 235°C
Hi-Temp insulator: 260°C

PACKAGING:

Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:

UL Recognized File No. E224053
CSA Certified File No. LR1578596



ORDERING INFORMATION

DIMM	168	V	1
SERIES INDICATOR DIMM = DIMM Socket SOD = Small Outline DIMM Socket DDR = Double Data Rate Socket		MOUNTING V = Straight PCB Mount (DIMM & DDR) R = Angled (DDR) S = SMT (SOD)	
	POSITIONS 144 = SOD 168 = DIMM 184 = DDR		VOLTAGE KEY 1 = 3.3V 2 = 5.0V 3 = 2.5V

OPTIONS:

Add designator(s) to end of part number
30 = 30 pin gold plating in contact area
HT = Hi-Temp insulator for Hi-Temp soldering
processes up to 260°C
YW = Yellow insulator (DDR only)
PU = Purple insulator (DDR only)