

DIMM SOCKET S.O. DIMM SOCKET DDR SOCKET

144P, 168P, & 184P SOCKETS

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:

Insulator: Glass reinforced, 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:

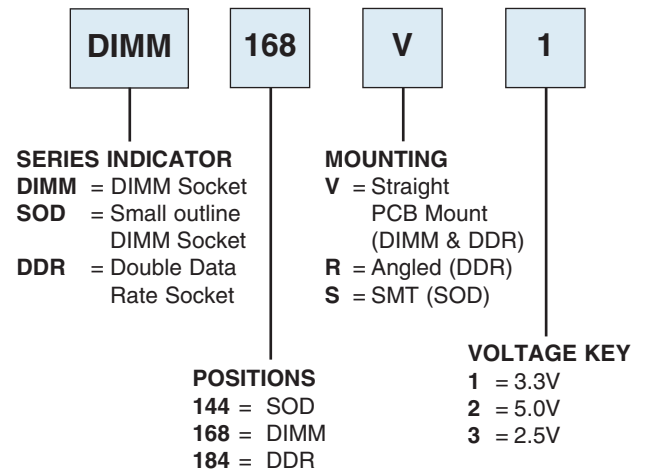
Operating temperature: -55°C to +105°C

PACKAGING:

Anti-ESD plastic trays



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number
30 = 30 μin gold plating in contact area
RC = RoHS compliant lead-free product with Hi-Temp insulator

