

**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:**

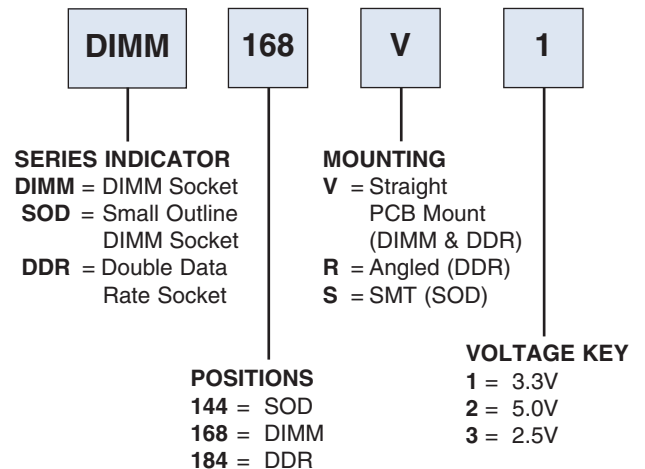
Anti-ESD plastic trays

**APPROVALS AND CERTIFICATIONS:**

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



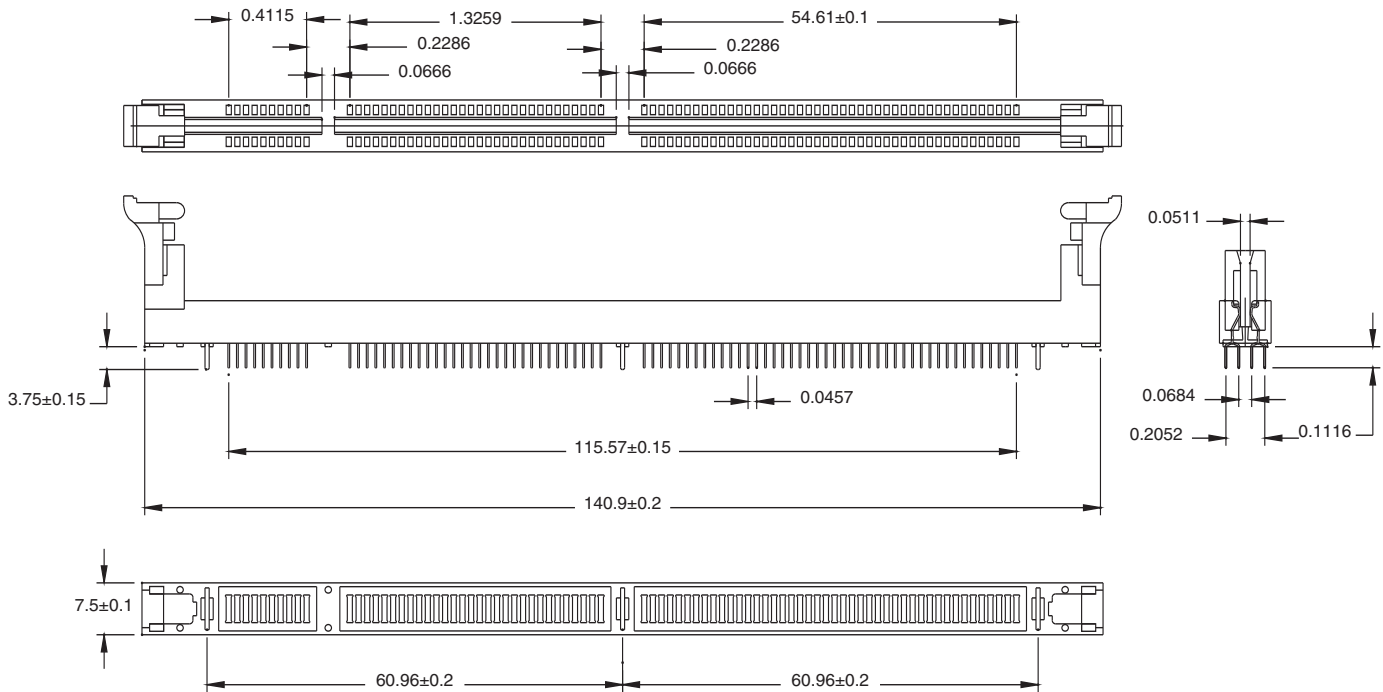
**ORDERING INFORMATION**



**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)

## DIMM SOCKET 168 PIN DIMM-168-V-1



## S.O. DIMM SOCKET 144 PIN SOD-144-S-1

