

**INTRODUCTION:**

Adam Tech ICS Series IC Sockets are a low profile design available in single or dual row on .100" centerline pin spacing and .300" or .600" row spacing. Our ISD Series is a fine pitch socket on .070" centerlines with .600" or .750" row spacing. All Adam Tech sockets are manufactured with our exclusive single beam dual wipe contact design which produces a high pressure wiping action for superior connectivity. In addition to an internal contact stop which prevents over stressing of the contact, each has a wide lead in to eliminate mis-mating and a closed bottom anti-solder wicking design.

**FEATURES:**

- High Pressure Contacts
- Single Beam, Dual Wipe Contacts
- Anti-Solder Wicking design
- Machine Insertable
- Single or Dual Row
- Low Profile

**MATING COMPONENTS:**

All industry standard components with SIP or DIP leads

**SPECIFICATIONS:**

**Material:**

Insulator: PBT, Glass reinforced, rated UL94V-0  
 Insulator Color: Black  
 Contacts: Phosphor Bronze

**Contact Plating:**

Tin over copper underplate overall

**Electrical:**

Operating voltage: 250V AC max.  
 Current rating: 1 Amp max.  
 Contact resistance: 20 mΩ max. initial  
 Insulation resistance: 5000 MΩ min.  
 Dielectric withstanding voltage: 1000V AC for 1 minute

**Mechanical:**

Insertion force: 11.5 oz max with .024" X .006" leads  
 Withdrawal force: 0.85 oz min with .024" X .006" leads

**Temperature Rating:**

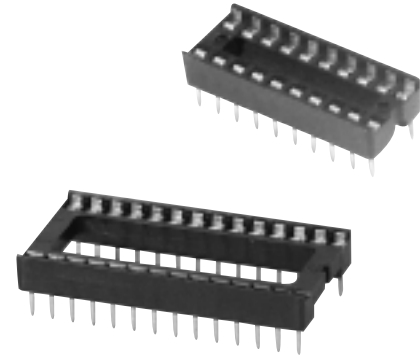
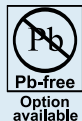
Operating temperature: -55°C to +105°C

**PACKAGING:**

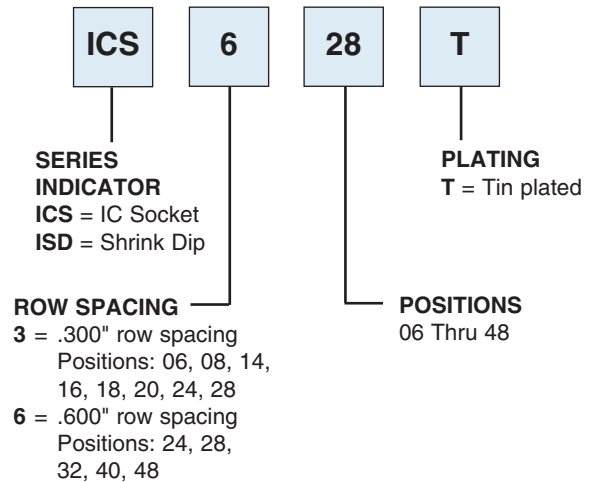
Anti-ESD plastic tubes

**SAFETY AGENCY APPROVALS:**

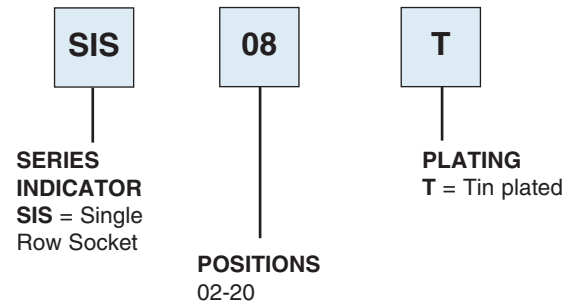
UL Recognized File No. E224053  
 CSA Certified File No. LR1578596



**ORDERING INFORMATION**  
**IC SOCKETS**



**ORDERING INFORMATION**  
**SINGLE ROW SOCKETS**

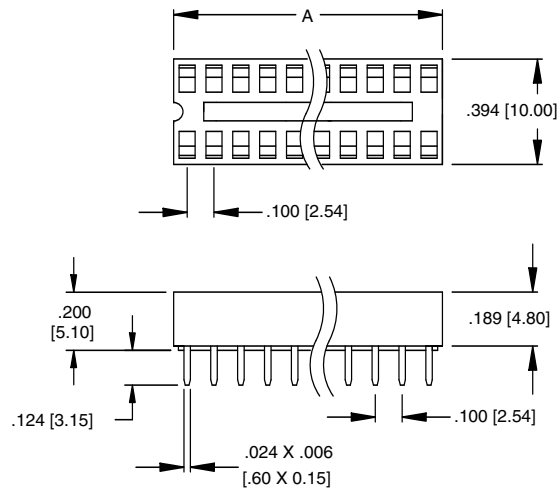


**OPTIONS:**

Add designator(s) to end of part number  
**OF** = Open Frame without center bar  
**RC** = RoHS compliant lead-free product with Hi-Temp insulator

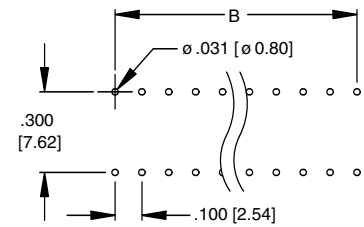
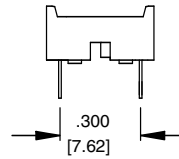
### ICS - .300" ROW CENTERLINE

.300" Row Centerline Sockets  
Positions: 6, 8, 14, 18, 20, 24 & 26



ICS-320-T

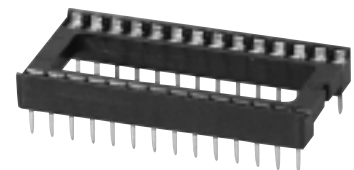
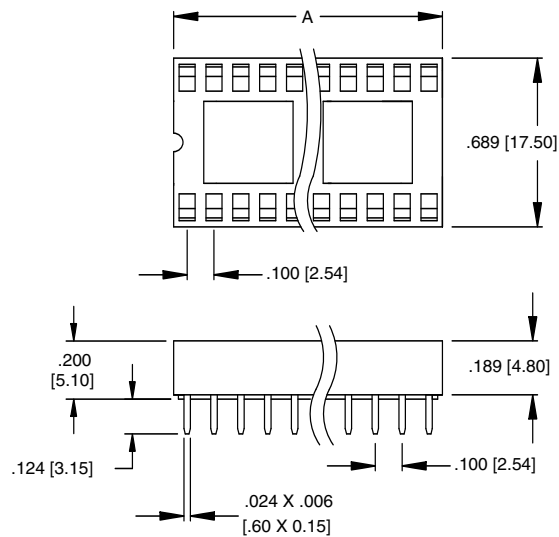
A = .100 [2.54] X No. of Positions Per Row



Recommended PCB Layout

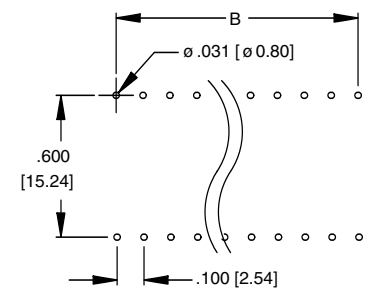
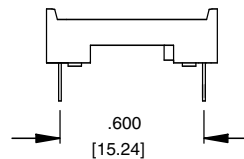
### ICS - .600" ROW CENTERLINE

.600" Row Centerline Sockets  
Positions: 20, 24, 28, 32, 40 & 48



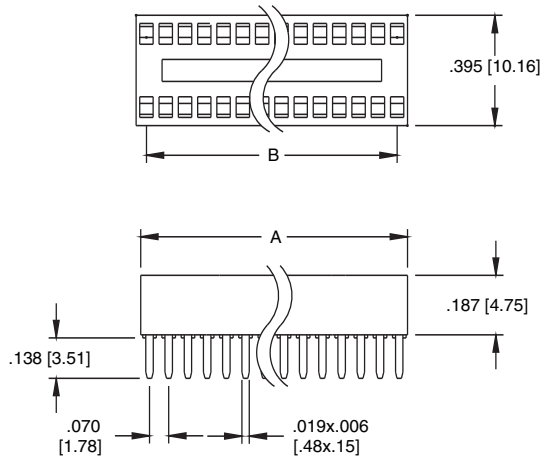
ICS-628-T

A = .100 [2.54] X No. of Positions Per Row

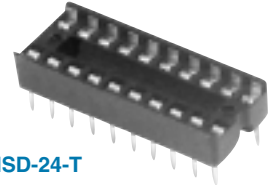


Recommended PCB Layout

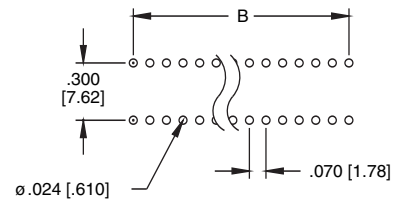
### ISD SERIES .300" ROW CENTERLINE SHRINK DIP SOCKETS POSITIONS: 24, 28, 30



A = .070 [1.78] X No. of Positions Per Row  
B = .070 [1.78] X No. of Spaces

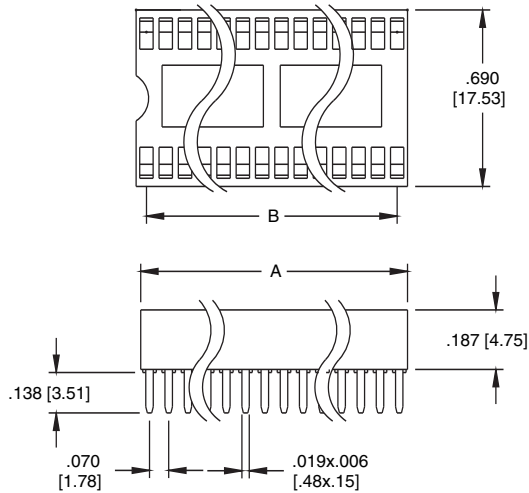


ISD-24-T

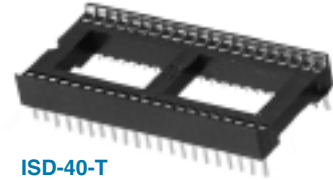


Recommended PCB Layout

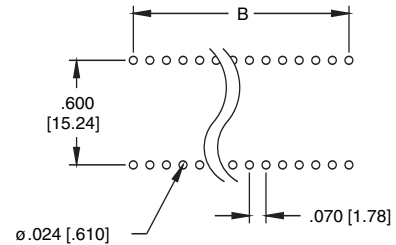
### ISD SERIES .600" ROW CENTERLINE SHRINK DIP SOCKETS POSITIONS: 40, 42



A = .070 [1.78] X No. of Positions Per Row  
B = .070 [1.78] X No. of Spaces

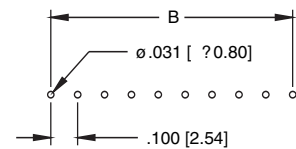
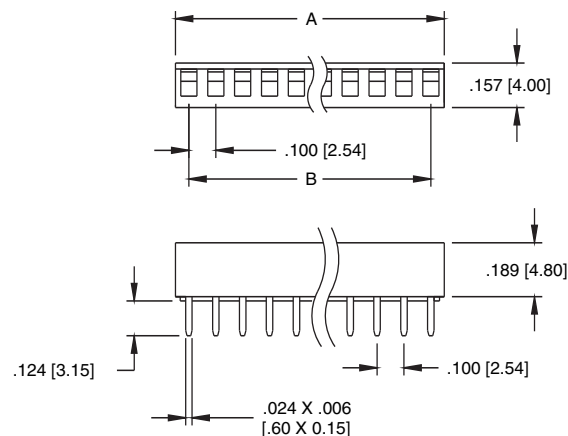


ISD-40-T



Recommended PCB Layout

### SIS SERIES SINGLE ROW .100" CENTERLINE SOCKETS POSITIONS: 2P THRU 20P



Recommended PCB Layout

A = .100 [2.54] X No. of Positions  
B = .100 [2.54] X No. of Spaces