# IC SOCKETS
## SINGLE & DUAL ROW SOCKETS
### ICS SERIES

**INTRODUCTION:**
Adam Tech ICS Series IC Sockets are a low profile design available in single or dual row on .100" centerline pin spacing with .300" or .600" row spacing. Our ISD Series is a fine pitch socket on .070" centerlines with .300" or .600" 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

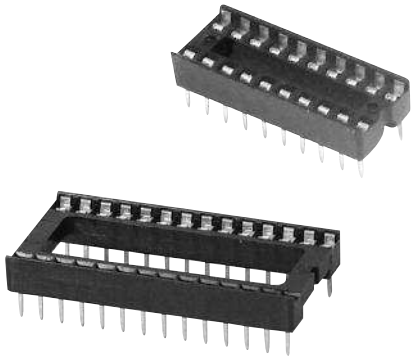
**MATING COMPONENTS:**
All industry standard components with SIP or DIP leads

**SPECIFICATIONS:**
**Material:**
Standard insulator: PBT, Glass reinforced, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T, 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
Soldering process temperature:
Standard insulator: 235°C
Hi-Temp insulator: 260°C

**PACKAGING:**
Anti-ESD plastic tubes

**SAFETY AGENCY APPROVALS:**
UL Recognized File No. E224053
CSA Certified File No. LR1578596

RoHS COMPLIANT
HI-TEMP INSULATOR AVAILABLE



## ORDERING INFORMATION
## IC SOCKETS

| ICS | 6 | 28 | T |
|---|---|---|---|

**SERIES INDICATOR**
**ICS** = .100" IC Socket
**ISD** = .070" Shrink Socket

**ROW SPACING**
**3** = .300" row spacing
Positions: 06, 08, 14, 16, 18, 20, 24, 28
**6** = .600" row spacing
Positions: 24, 28, 32, 40, 42, 48

**POSITIONS**
06 Thru 48

**PLATING**
**T** = Tin plated

## ORDERING INFORMATION
## SINGLE ROW SOCKETS

| SIS | 08 | T |
|---|---|---|

**SERIES INDICATOR**
**SIS** = Single Row Socket

**POSITIONS**
02-20

**PLATING**
**T** = Tin plated

**OPTIONS:**
Add designator(s) to end of part number
**OF** = Open Frame without center bar
**HT** = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C