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

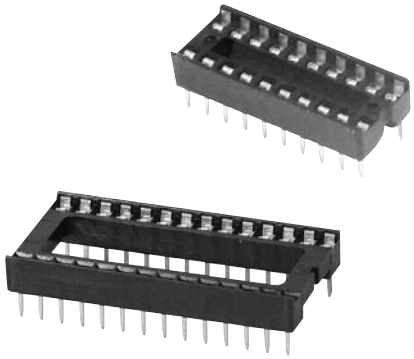
MATING COMPONENTS:
All industry standard components with SIP or DIP leads

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