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 are fine pitched sockets 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 +85°C
Soldering process temperature:
Standard insulator: 235°C
Hi-Temp insulator: 260°C

PACKAGING:
Anti-ESD plastic tubes

SAFETY AGENCY APPROVALS:
UL Recognized & CSA Certified, File no. E224053

ORDERING INFORMATION
ICS SOCKETS
SINGLE & DUAL ROW SOCKETS
ICS SERIES

ICS 6 28 T
PLATING
T = Tin plated

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

ROW SPACING
3 = .300" row spacing
  Positions: 06, 08, 14, 16, 18, 20, 22, 24, 28
6 = .600" row spacing
  Positions: 24, 28, 32, 40, 42, 48

POSITIONS
06 Thru 48

OPTIONS:
Add designator(s) to end of part number
OF = Open Frame without center bar

ORDERING INFORMATION
SINGLE ROW SOCKETS

SIS 08 T
PLATING
T = Tin plated

SERIES INDICATOR
SIS = Single Row Socket

POSITIONS
02-20

www.adam-tech.com
ICS SERIES

**.300" ROW CENTERLINE**

**POSITIONS:** 6, 8, 14, 18, 20, 24, 26 & 28

24P– 32P produced with center support bar.

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

**.600" ROW CENTERLINE**

**POSITIONS:** 20, 24, 28, 32, 40 & 48

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