

INTRODUCTION:

Adam Tech Solder Cup High Density D-Sub connectors are a popular interface for many I/O applications. Offered in 15, 26, 44, 62 and 78 positions, they are a good choice for a low cost industry standard high density connection. Adam Tech connectors are manufactured with precision stamped contacts offering a choice of contact plating and a wide selection of mating and mounting options.

FEATURES:

- High Density pin count in standard size shell
- Industry standard compatibility
- Durable metal shell design
- Precision formed contacts
- Mating and mounting options

MATING CONNECTORS:

Adam Tech high density D-Subminiatures and all industry standard high density D-Subminiature connectors.

SPECIFICATIONS:

Material:

- Insulator: PBT, 30% glass reinforced, rated UL94V-0
- Insulator Colors: Black (White optional)
- Contacts: Phosphor Bronze
- Shell: Steel, Tin or Zinc plated
- Hardware: Brass, Nickel plated

Contact Plating:

Gold Flash (15 and 30 μ m Optional) over Nickel underplate overall.

Electrical:

- Operating voltage: 250V AC / DC max.
- Current rating: 5 Amps max.
- Contact resistance: 20 m Ω max. initial
- Insulation resistance: 5000 M Ω min.
- Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

- Insertion force: 0.75 lbs max
- Extraction force: 0.44 lbs min

Temperature Rating:

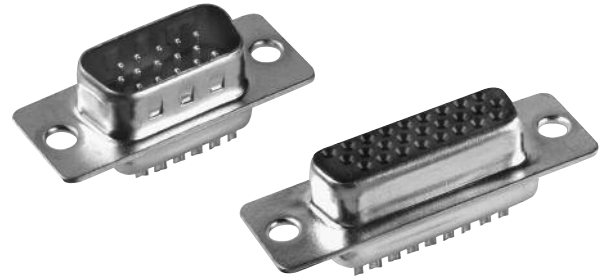
Operating temperature: -65°C to +125°C

PACKAGING:

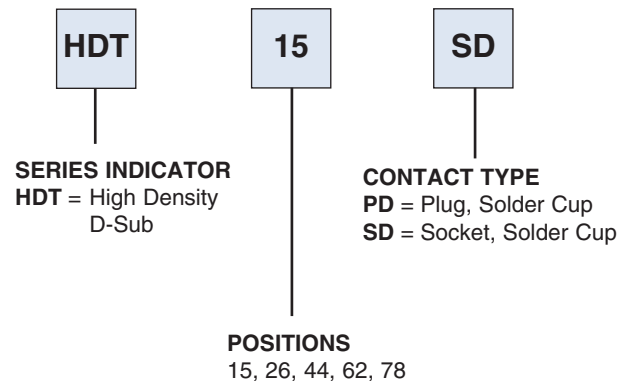
Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:

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



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

15 = 15 μ m gold plating in contact area

30 = 30 μ m gold plating in contact area

WT = White color insulator

SL = Bottom side Riveted #4-40 Clinch Nuts

JS = Top side riveted #4-40 Jack Screws

EMI = Ferrite filtered version for EMI / RFI suppression (Page 101)