

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 in 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:

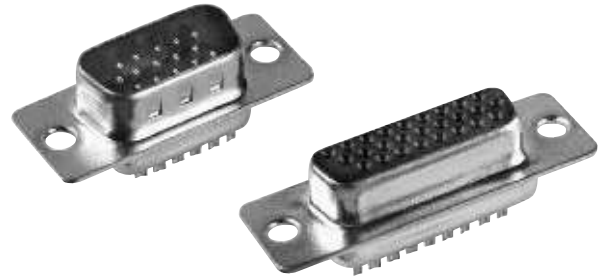
Operating temperature: -55°C to +105°C

PACKAGING:

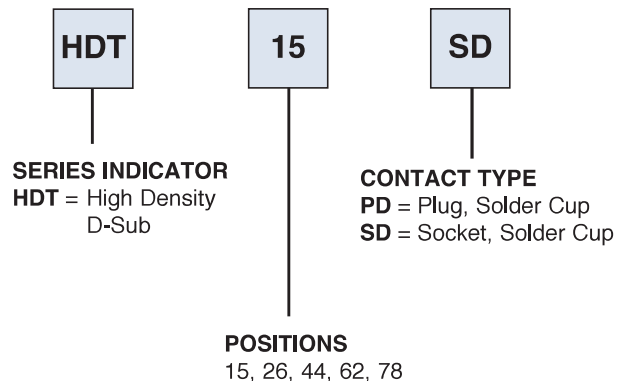
Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:

UL Recognized & CSA Certified, File no. E224053



ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

15 = 15 μ in gold plating in contact area

30 = 30 μ in gold plating in contact area

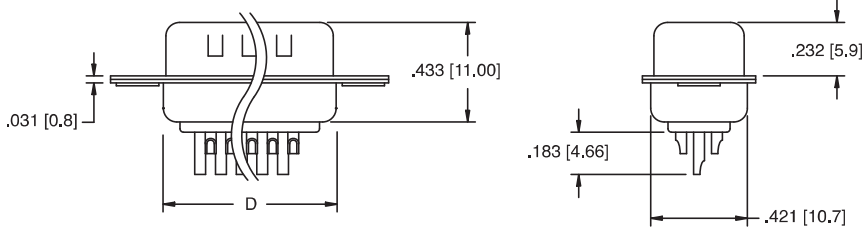
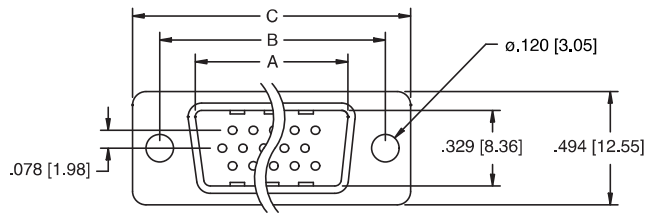
WT = White color insulator

SL = Bottom side Riveted #4-40 Clinch Nuts

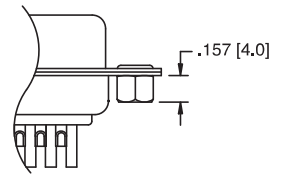
JS = Top side riveted #4-40 Jack Screws

EMI = Ferrite filtered version for EMI / RFI suppression (Page 114)

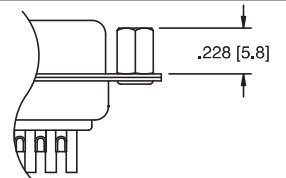
PLUG



MOUNTING OPTIONS

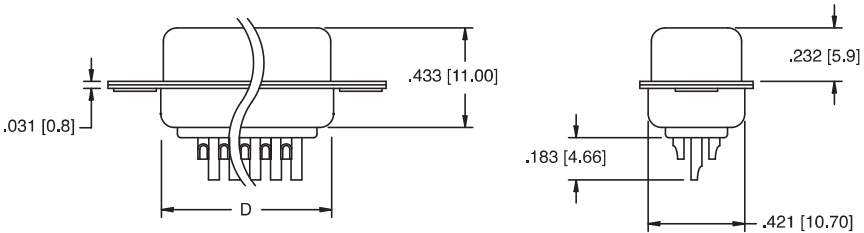
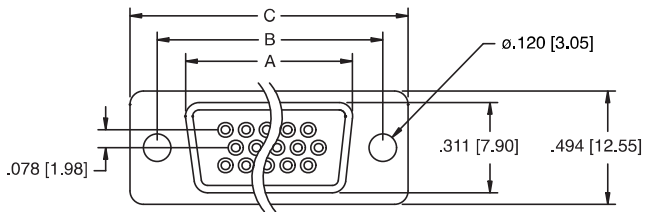


SL Option
Bottom side riveted #4-40
Clinch Nuts



JS Option
Top side riveted #4-40
Jack Screws

SOCKET



Unit: Inch [mm]

| Positions | PLUG | SOCKET | DIMENSIONS | | |
|-----------|---------------|---------------|---------------|---------------|---------------|
| | A | A | B | C | D |
| 15 | .666 [16.92] | .643 [16.33] | .984 [24.99] | 1.213 [30.81] | .759 [19.28] |
| 26 | .994 [25.25] | .971 [24.66] | 1.312 [33.32] | 1.541 [39.14] | 1.083 [27.51] |
| 44 | 1.534 [38.96] | 1.511 [38.38] | 1.852 [47.04] | 2.088 [53.04] | 1.626 [41.30] |
| 62 | 2.182 [55.43] | 2.159 [54.84] | 2.500 [63.50] | 2.729 [69.32] | 2.271 [57.70] |
| 78 | 2.079 [52.81] | 2.064 [52.43] | 2.406 [61.11] | 2.635 [66.93] | 2.099 [55.32] |