HIGH DENSITY D-SUB
CRIMP AND POKE SYSTEM
HDT SERIES

INTRODUCTION:
Adam Tech Crimp and Poke 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 low cost alternative to soldering a high density connector to cable. Contacts are crimped onto discrete wires and pushed into the connector body. The connector is comprised of a metal shell and plastic insulator and is available with a variety of mating options. The contacts are precision stamped and are available in a variety of platings.

FEATURES:
High Density in standard size shell
Low cost no solder alternative
Industry standard compatibility
Durable metal shell design
Precision formed contacts
Variety of 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 µin Optional) over Nickel underplate overall.

Electrical:
Operating voltage: 250V AC / DC max.
Current rating: 5 Amps max.
Contact resistance: 20 mΩ max. initial
Insulation resistance: 5000 MΩ min.
Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:
Insertion force: 0.75 lbs max
Extraction force: 0.44 lbs min
Recommended wire size: 22 to 28 Awg

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
HOUSING

HDT — **15** — **PR**

SERIES INDICATOR
HDT = High Density D-Sub

POSITIONS
15, 26, 44, 62, 78

CONTACT TYPE
PR = Plug, Crimp and Poke Housing
SR = Socket, Crimp and Poke Housing

CRIMP CONTACT

HDCP — **01** — **R**

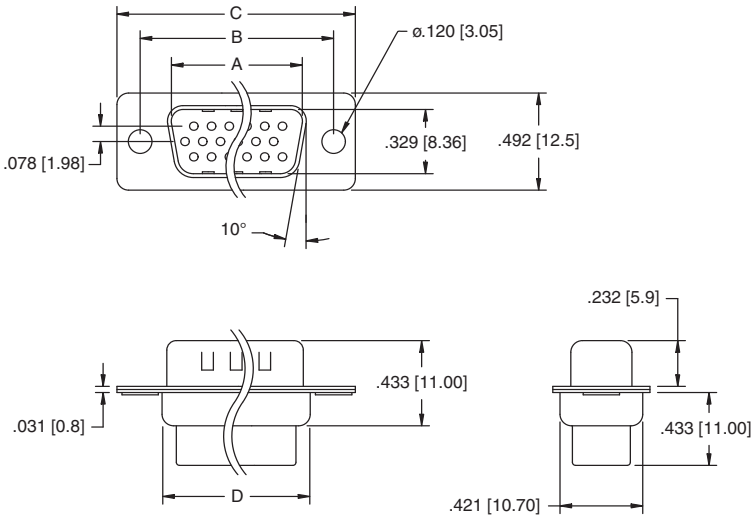
SERIES INDICATOR
HDCP = Plug Contact
HDCS = Socket Contact

CONTACT SIZE AWG:
01 = 24-26
02 = 20-22
03 = 28-30

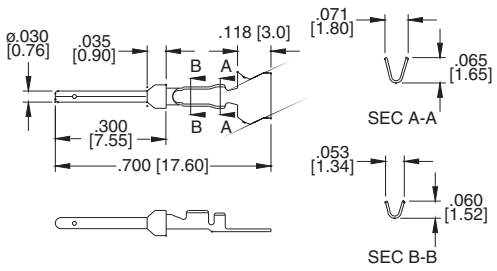
PACKAGING
R = 10,000 piece chain on reel
B = 1000 pieces loose cut

OPTIONS:
Add designator(s) to end of part number
15 = 15 µin gold plating in contact area
30 = 30 µin gold plating in contact area
WT = White color insulator.
SL = Riveted #4-40 Clinch Nuts
JS = Riveted #4-40 Jackscrews

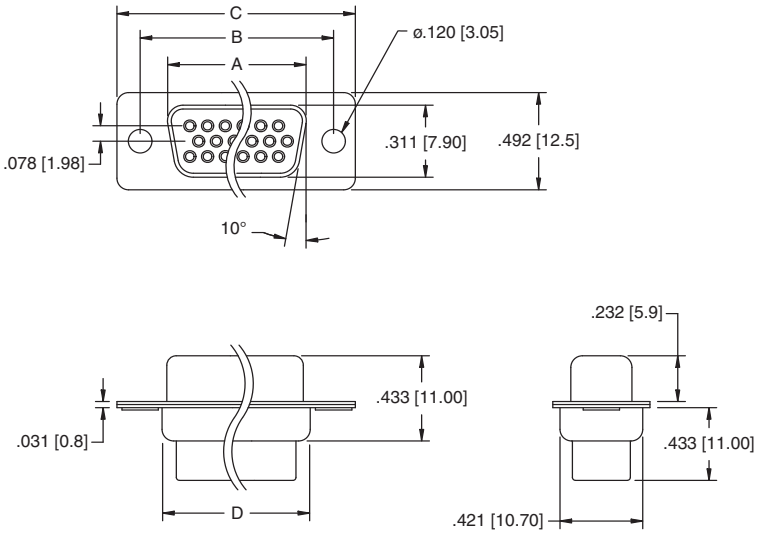
PLUG



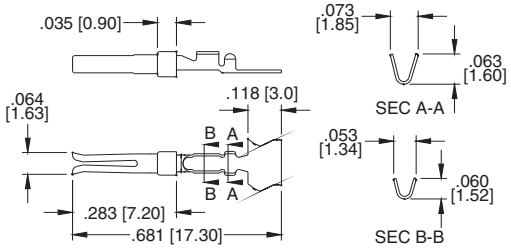
Plug Contact



SOCKET



Socket Contact



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]