<u>ADAM TECH</u>

Adam Technologies, Inc.

D-SUBMINIATURE

SOLDER CUP TERMINATION
DPD & DSD SERIES

INTRODUCTION:

Adam Tech Solder Cup D-Sub connectors are a popular interface for many I/O applications. Offered in 9, 15, 25, 37 and 50 positions, they are an excellent choice for a low cost industry standard connection. These connectors are manufactured with precision stamped contacts, and offer a wide selection of mating and mounting options. Adam Tech Solder Cup connectors can be soldered to cable ends or mounted directly to a PCB card edge.

FEATURES:

Cable or edge card mounting Industry standard compatibility Durable metal shell design Precision formed contacts Mating and mounting options

MATING CONNECTORS:

Adam Tech D-Subminiatures and all industry standard 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 underall.

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:

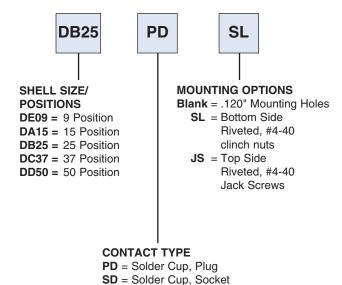
UL Recognized File No. E224053 CSA Certified File No. LR1578596







ORDERING INFORMATION



OPTIONS:

Add designator(s) to end of part number

 $15 = 15 \mu in gold plating in contact area$

30 = 30 µin gold plating in contact area

EMI = Ferrite filtered version for EMI / RFI suppression (Page 72)

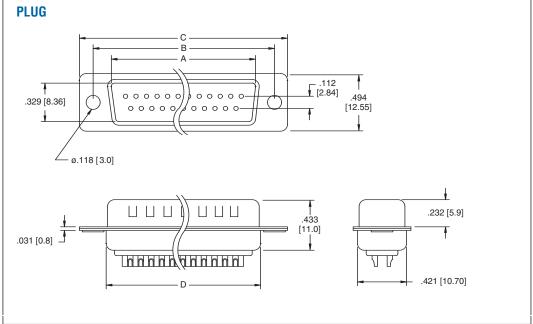
WT = White Color Insulator

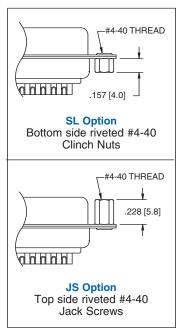


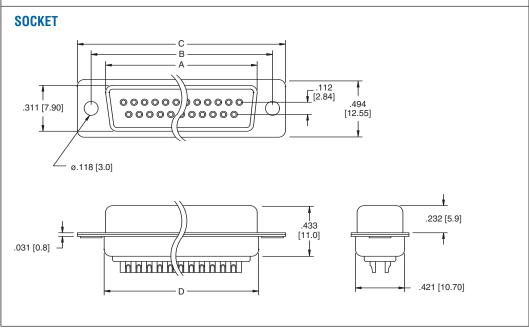
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MOUNTING OPTIONS







Unit: Inch [mm]

Positions	PLUG	SOCKET	DIMENSIONS		
	А	А	В	С	D
9	.666 [16.92]	.643 [16.33]	.984 [24.99]	1.213 [30.81]	.756 [19.20]
15	.994 [25.25]	.971 [24.66]	1.312 [33.32]	1.541 [39.14]	1.091 [27.70]
25	1.534 [38.96]	1.511 [38.38]	1.852 [47.04]	2.088 [53.04]	1.618 [41.10]
37	2.182 [55.43]	2.159 [54.84]	2.500 [63.50]	2.729 [69.32]	2.256 [57.30]
50	2.079 [52.81]	2.064 [52.43]	2.406 [61.11]	2.637 [67.00]	2.169 [55.10]