<u>ADAM TECH</u> Adarā Teomoslogieso inc.

D-SUBMINIATURE STRAIGHT & WIRE WRAP PCB TAIL DPT. DST. DPE & DSE SERIES

INTRODUCTION:

Adam Tech Straight PCB tail 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, sturdy, full metal body industry standard connection. These connectors are manufactured with precision stamped or machined turned contacts offering a choice of contact plating and a wide selection of mating and mounting options.

FEATURES:

Industry standard compatibility Durable metal shell design Precision formed contacts Variety of Mating and mounting options

MATING CONNECTORS:

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

SPECIFICATIONS:

Material:

Standard insulator: PBT, 30% glass reinforced, rated UL94V-0 Optional Hi-Temp insulator: Nylon 6T WWW.DZSC.COM 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 m^Ω max. initial Insulation resistance: 5000 M Ω min. Dielectric withstanding voltage: 1000V AC for 1 minute W.DZSC.COM

Mechanical:

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

Temperature Rating:

Operating temperature: -65°C to +125°C Soldering process temperature: Standard insulator: 235°C Hi-Temp insulator: 260°C

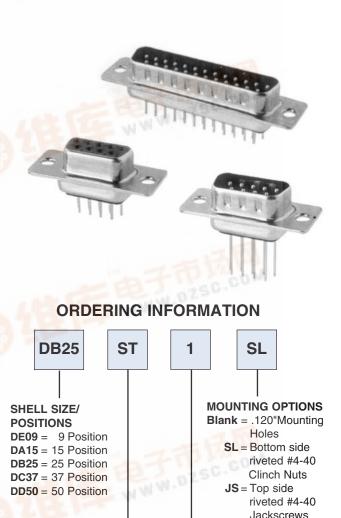
PACKAGING: Anti-ESD plastic trays

PDF

df.dzsc.com

CSA Certified File No. LR1578596





CONTACT TYPE

PT = Plug, Straight PCB Tail, Standard Profile **ST** = Socket, Straight PCB Tail, Standard

- Profile PE = Plug, Straight PCB Tail, High Profile
- SE = Socket, Straight PCB Tail, High Profile

TERMINAL LENGTH 1 = Standard tail length for .062" thru .125" PCB's (E = .189")2 = Wire wrap tail (E = .512")

BL = Riveted #4-40

Internal Threaded

Standoffs with

Boardlocks

R = Riveted Round

JSL = Bottom side

Jack Screws

riveted #4-40

Jack Screws

installed

Clinch Nuts with

OPTIONS:

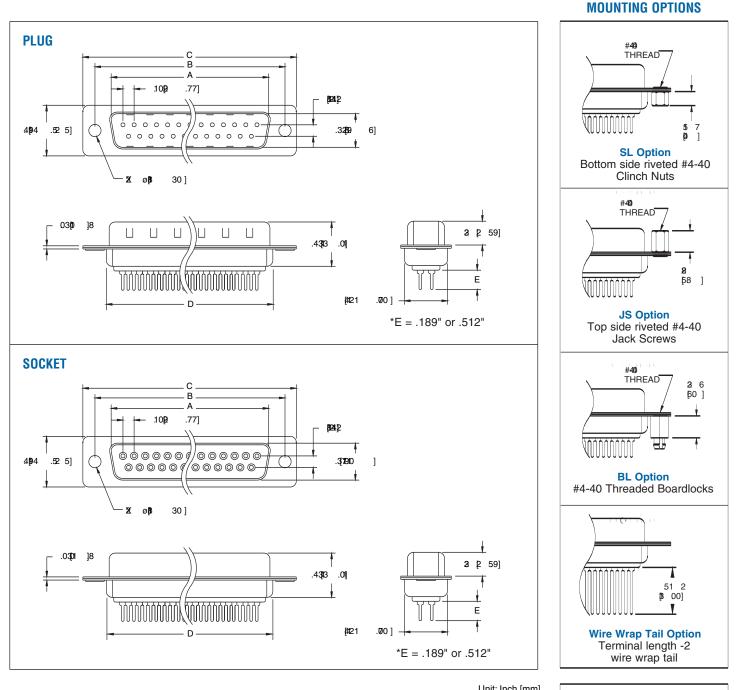
Add designator(s) to end of part number

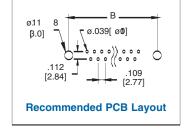
- $15 = 15 \mu$ in gold plating in contact area
- $30 = 30 \mu$ in gold plating in contact area
- EMI = Ferrite filtered version for EMI / RFI suppression (Page 72)
- HT = Hi-Temp insulator for hi-temp soldering processes up to 260°C



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DPT & DST SERIES





U	nıt:	Inch	[mm]	

Positions	PLUG	SOCKET	DIMENSIONS		
1 03110113	A	A	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]