<u>ADAM TECH</u> Adara Teochmologies, 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 mΩ 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

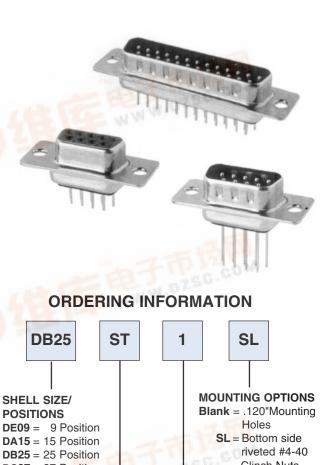
PACKAGING: Anti-ESD plastic trays

PDF

df.dzsc.com

CSA Certified File No. LR1578596 **APPROVALS AND CERTIFICATIONS:**





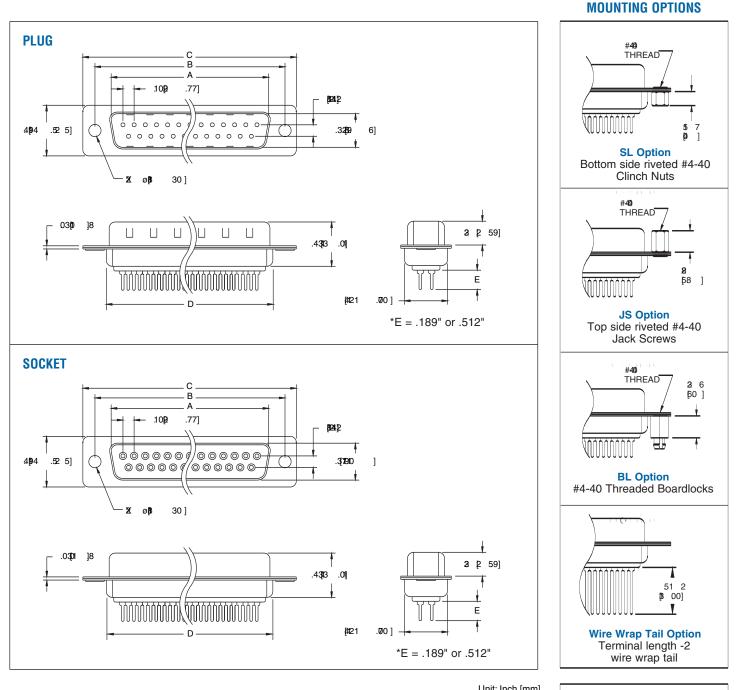
9. 71								
10 -	DB25	S	т	1			SL	
POS DE03 DA11 DD50 CON PT = ST = PE = SE =	LL SIZE/ ITIONS 9 = 9 Pos 5 = 15 Pos 5 = 25 Pos 7 = 37 Pos 0 = 50 Pos TACT TY Plug, Stra Tail, Stan Socket, S PCB Tail, Profile Plug, Stra Tail, High Socket, S PCB Tail, Profile	sition sition sition light PCI dard Pro traight Standar Standar Profile traight High	ofile rd B FERMIN I = Stand	dard t thru .189' wrap	E 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Blank = SL = JS = BL = R = JSL = JSL = GTH ength f 5" PCB	 .120" Holess Bottoo rivete Clinch Top s rivete Jacks Rivete Intern Stand Bottoo rivete Jack Bottoo rivete Clinch Jack instal 	m side d #4-40 h Nuts side d #4-40 ccrews ed #4-40 hal Threaded doffs with dlocks ed Round Screws m side d #4-40 h Nuts with Screws
Ac	dd designa							
3	I5 = 15 μi 30 = 30 μi ΜΙ = Ferrit	n gold p	lating in	conta	act a	area		

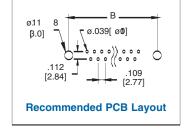
suppression (Page 72) HT = Hi-Temp insulator for hi-temp soldering processes up to 260°C



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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]	