

#### INTRODUCTION:

Adam Tech Dual Port D-Sub connectors are a popular space saving interface for many I/O applications. Offered in 9, 15, 25, 37 and 50 positions they are a good choice for a low cost industry standard connection and are ideal for PCB space saving applications. These connectors are manufactured with precision stamped contacts and are available in a number of connector combinations including same and mixed gender, mixed density and mixed interface. Options include a choice of contact plating and a variety of mating, mounting and grounding options.

#### FEATURES:

- Stacked space saving design
- 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:

Insulator: PBT, 30% glass reinforced, rated UL94V-0  
 Insulator Color: Black  
 Contacts: Phosphor Bronze  
 Shell: Steel, Tin or Zinc plated  
 Hardware: Brass, Nickel plated

##### Contact Plating:

Gold Flash (15 and 30  $\mu$ m Optional) over Nickel underplate overall.

##### Electrical:

Operating voltage: 250V AC / DC max.  
 Current rating: 5 Amps max.  
 Contact resistance: 20 m $\Omega$  max. initial  
 Insulation resistance: 5000 M $\Omega$  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:

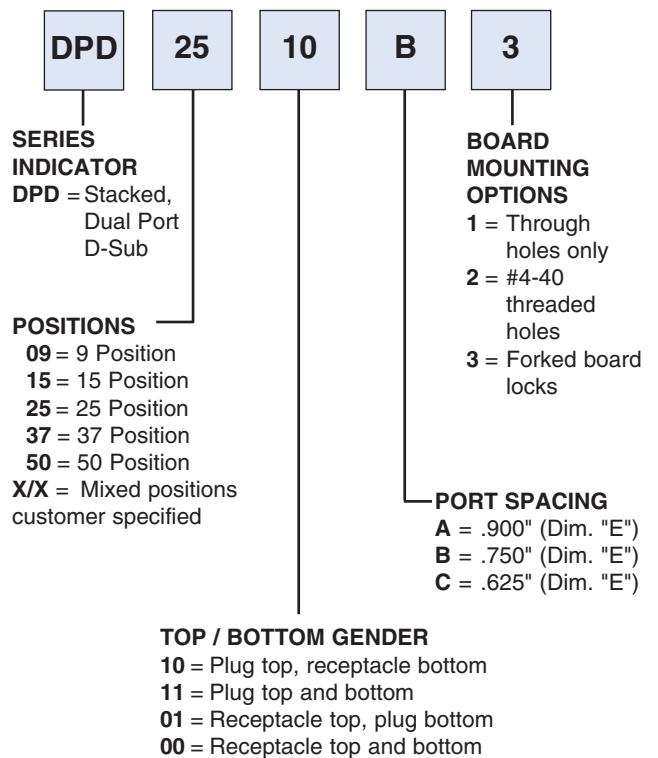
Anti-ESD plastic trays

#### APPROVALS AND CERTIFICATIONS:

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



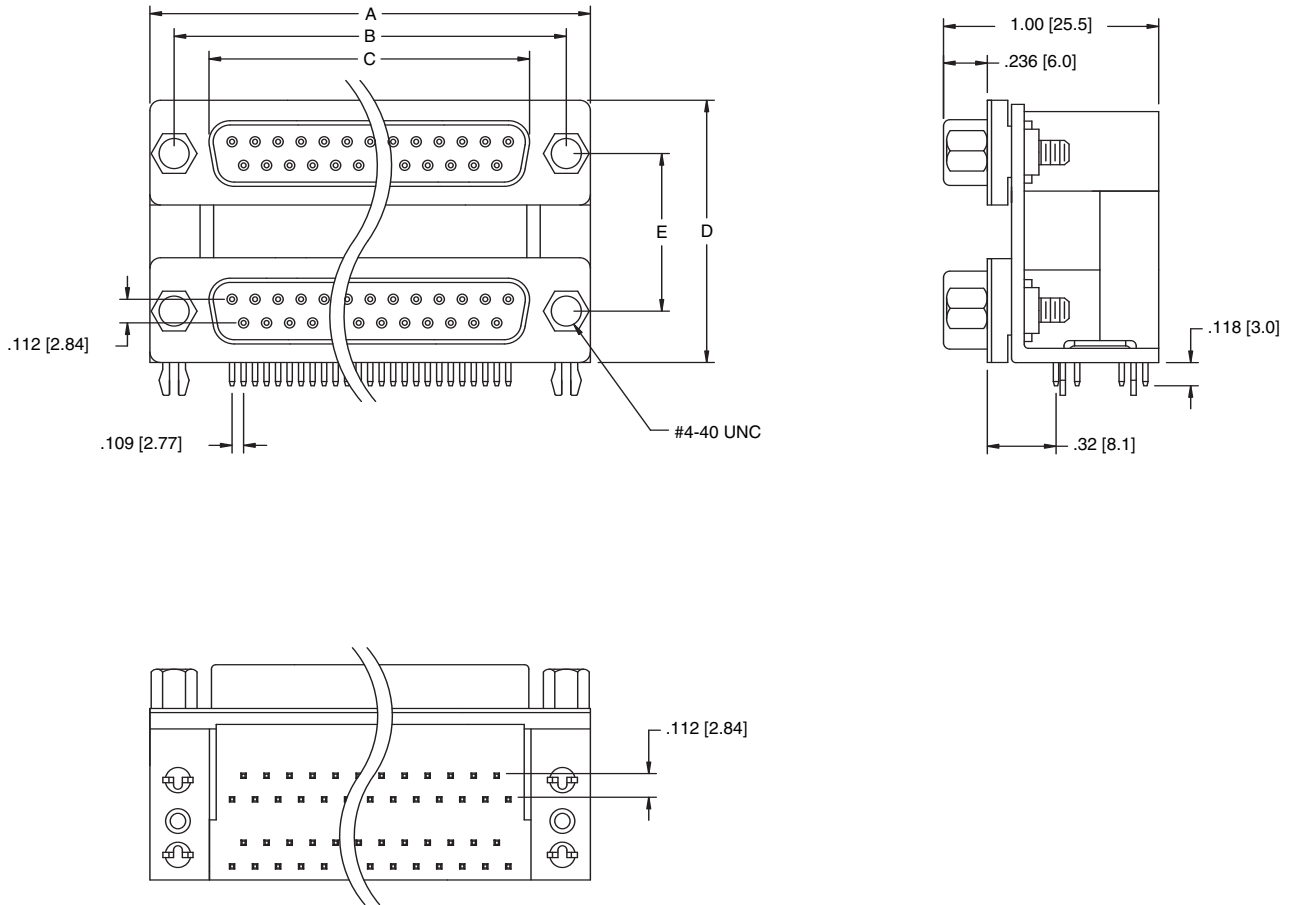
### ORDERING INFORMATION



#### OPTIONS:

Add designator(s) to end of part number  
**15** = 15  $\mu$ m gold plating in contact area  
**30** = 30  $\mu$ m gold plating in contact area  
**JS** = #4-40 Jackscrews installed  
**R** = Rear boardlocks only  
**F** = Four prong board lock

### DUAL PORT, STACKED RIGHT ANGLE



See page 100 for examples of various types we manufacture

Unit: Inch [mm]

Positions	PLUG	SOCKET	DIMENSIONS					
	A	A	B	C	D	E		
9	.666 [16.92]	.643 [16.33]	.984 [24.99]	1.213 [30.81]	PORT HEIGHTS	PORT TO PORT CENTERLINE		
15	.994 [25.25]	.971 [24.66]	1.312 [33.32]	1.541 [39.14]			1.394 [35.41]	.900 [22.86]
25	1.534 [38.96]	1.511 [38.38]	1.852 [47.04]	2.088 [53.04]			1.244 [31.60]	.750 [19.05]
37	2.182 [55.43]	2.159 [54.84]	2.500 [63.50]	2.729 [69.32]			1.119 [28.42]	.625 [15.88]
50	2.079 [52.81]	2.064 [52.43]	2.406 [61.11]	2.637 [67.00]				