

◆ Right Angle PCB Mount Ultra Compact Footprint

Ordering Information:

DSR1XR - B25S - N - CT

1 2 3 4

1. Series

DSR1XR-D Sub Right Angle, PCB Termination,
Ultra Compact Footprint
HTDSR1XR-Reflow Compatible Version

2. Configuration

E9S-9 Socket Contacts(Receptacle)
E9P-9 Pin Contacts(Plug)
A15S-15 Socket Contacts(Receptacle)
B25S-25 Socket Contacts(Receptacle)
E15S-15 Socket Contacts HighDensity(Receptacle)

3. Mounting Options

N-With Board Locks and 4-40 Riveted
Threaded Inserts
NJ-With Board Locks, Riveted Threaded
Inserts and 4-40 Hex. Jack Screw Assembled
to Connector
NT-With Board Locks and Non-Threaded
Riveted Inserts

4. Plating Options

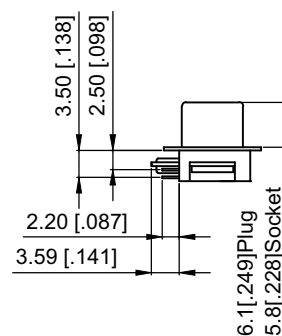
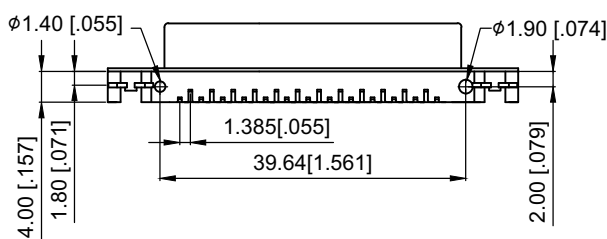
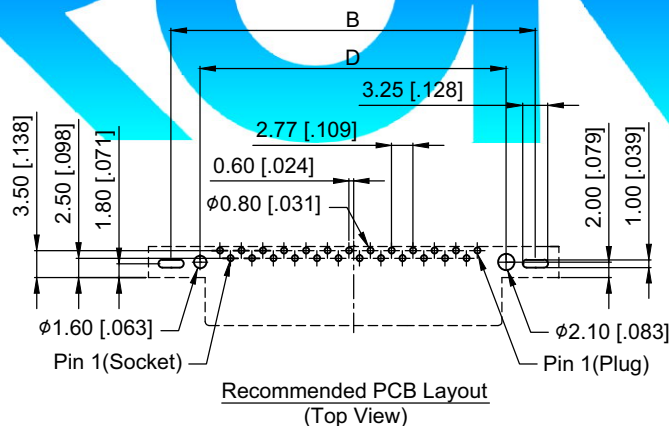
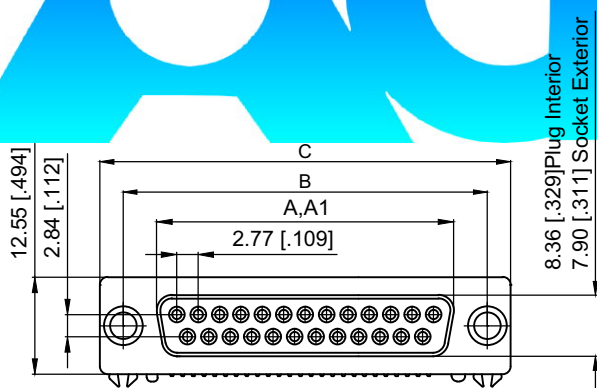
AT-30u" Gold In Contact Area
BT-15u" Gold In Contact Area
CT-Gold Flash



Shell Size	Dimensions				
	A	A1	B	C	D
9(E)	16.33 [.643]	16.92 [.666]	24.99 [.984]	30.81 [1.213]	14.00 [.551]
15(A)	24.66 [.971]	—	33.32 [1.312]	39.14 [1.541]	25.64 [1.009]
25(B)	38.38 [1.511]	—	47.04 [1.852]	53.04 [2.088]	39.54 [1.557]

A=Exterior of Female Shell

A1=Interior of Male Shell



(9/15/25 Socket & 9 Plug)

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Feature:

- ◆ Short Profile Space Saving Design
- ◆ Industry Standard Compatibility
- ◆ Durable Metal Shell Design
- ◆ Precision Formed Contacts
- ◆ Variety of Mating and Mounting Options
- ◆ Plug and Socket available in 9,15,25 Positions

Physical:

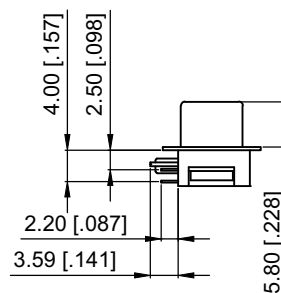
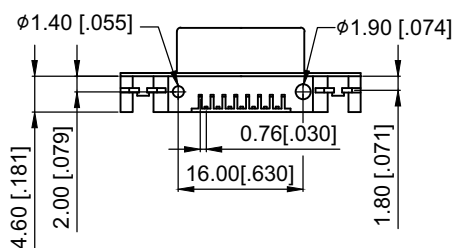
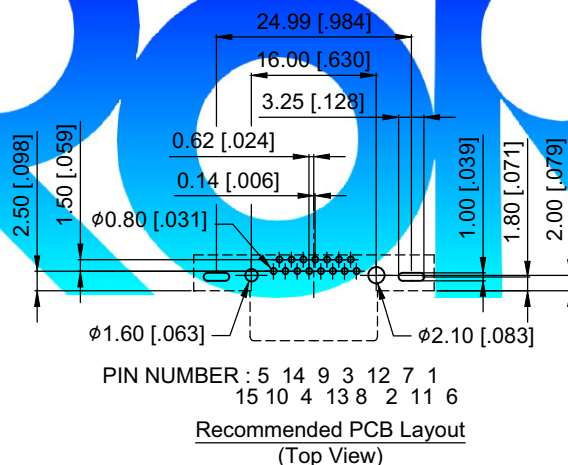
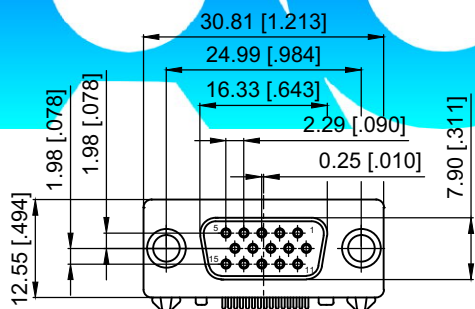
- ◆ Shell
Steel Material, Nickel Finish
- ◆ Housing
Standard:PCB Thermoplastic, Black Color,
30% Glass Filled, 94V-0 Rated
Reflow Compatible:High Temperature Thermoplastic,
Black Color, 30% Glass Filled, 94V-0 Rated
- ◆ Contact Material
Phosphor Bronze
- ◆ Contact Plating
Gold Flash (15 and 30u" Optional) Over Nickel on Contact.
Tin Over Nickel or Gold Flash Over Nickel on Solder Tails
- ◆ Riveted Insert
Brass Material, Nickel Finish

Mechanical Specifications:

- ◆ Contact Extraction Force
1 Kg Min.
- ◆ Contact Insertion Force
5.5 Kg Max.
- ◆ Durability
5000 Mating Cycles Min. 25 mm/min
- ◆ Operating Temperature Rating
-55°C to +125°C

Electrical Specifications:

- ◆ Contact Current Rating
5 Amps
- ◆ Contact Resistance
20 Milliohms Max. Initial
- ◆ Dielectric Withstanding Voltage
1000V AC Min for 1 Minute
- ◆ Insulation Resistance
5000 Megohms Min.



(15 Socket Contacts High Density)