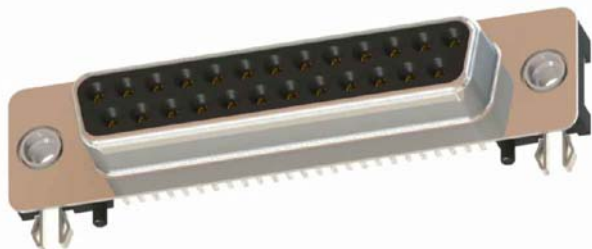


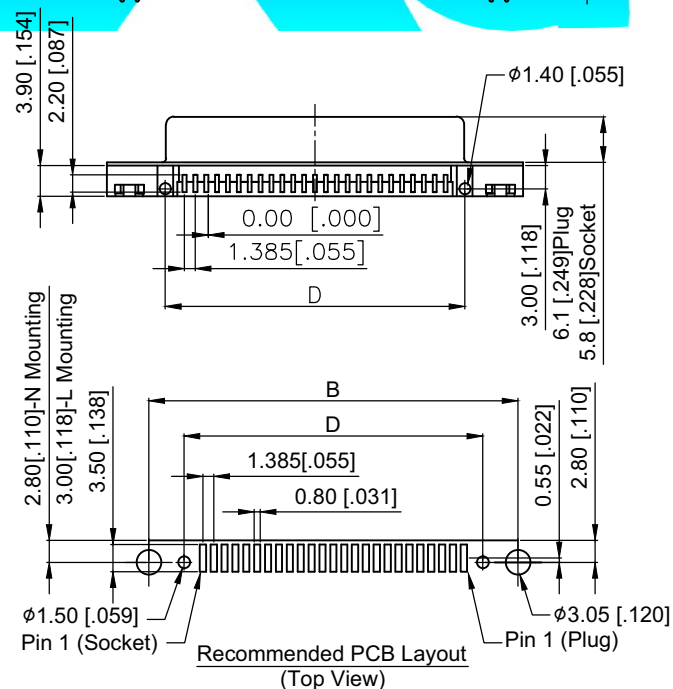
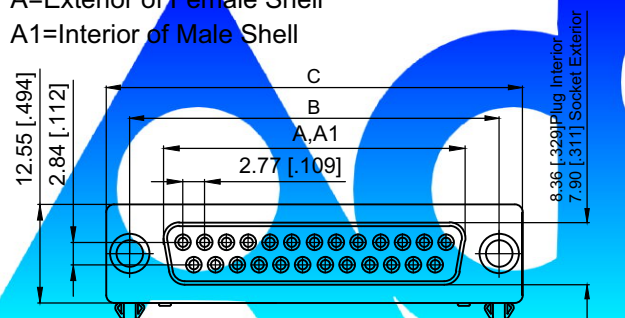
◆ Right Angle Surface Mount



Shell Size	Dimensions				
	A	A1	B	C	D
9(E)	16.33 [.643]	16.92 [.666]	24.99 [.984]	30.81 [1.213]	15.90 [.626]
25(B)	38.38 [1.511]	38.96 [1.534]	47.04 [1.852]	53.04 [2.088]	38.06 [1.498]

A=Exterior of Female Shell

A1=Interior of Male Shell

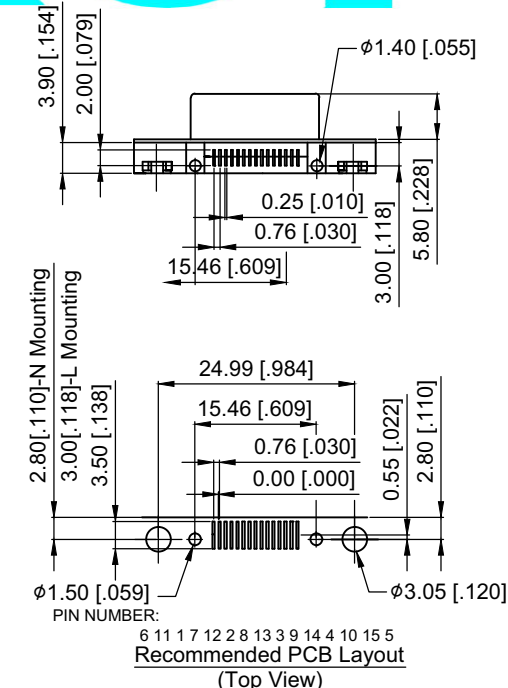
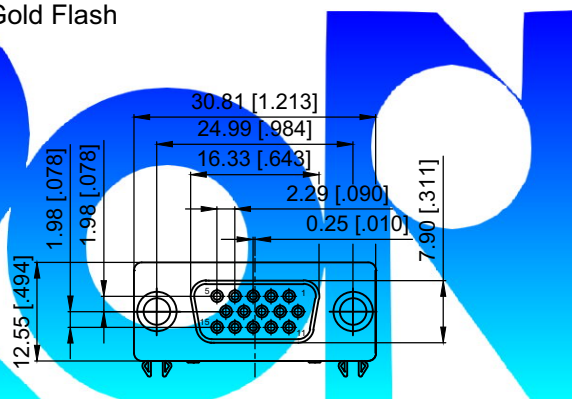


(9 & 25 Socket/Plug)

Ordering Information:

HTDSMT1XR - B25S - N J - CT

- 1.Series
HTDSMT1XR-D Sub Right Angle, Ultra Short
Footprint Surface Mount,
Reflow Compatible
- 2.Configuration
E9S-9 Socket Contacts(Receptacle)
E9P-9 Pin Contacts(Plug)
B25S-25 Socket Contacts(Receptacle)
B25P-25 Pin Contacts(Plug)
E15S-15 Socket Contacts High Density(Receptacle)
- 3.PCB Mounting Options
- 4.Front Panel Mounting Options
- 5.Plating Options
AT-30u" Gold In Contact Area
BT-15u" Gold In Contact Area
CT-Gold Flash



(15 Socket Contacts High Density)

◆ Right Angle Surface Mount

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.

PC Board Mounting Options

N Option	L Option	H Option

Front Panel Mounting Options

Standard	-J Option	-R Option	-T Option
(4-40)Riveted Threaded Insert 	(4-40)Riveted Threaded Insert with 4-40 Hex. Jack Screws Installed to Connector 	(4-40)Round Jack Screws Riveted to Connector 	Riveted Non-Threaded Insert $\phi 3.18 [\phi .125]$