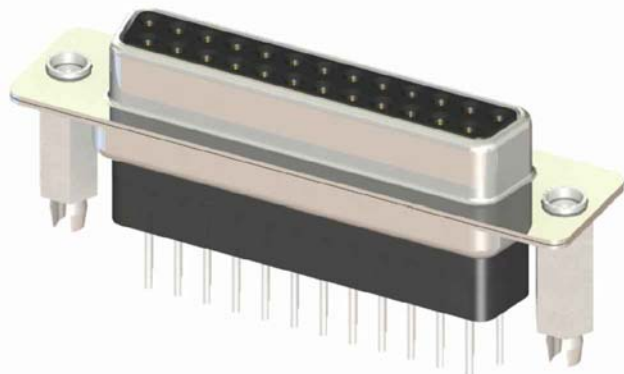
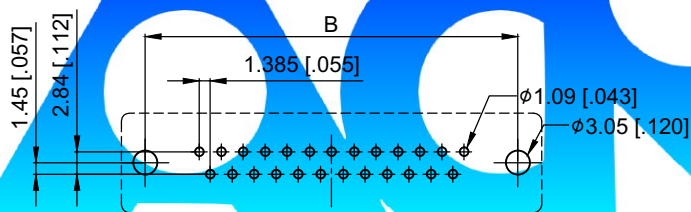


♦ Vertical PCB Mount High Profile

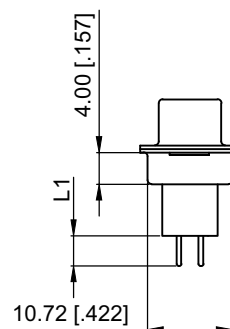
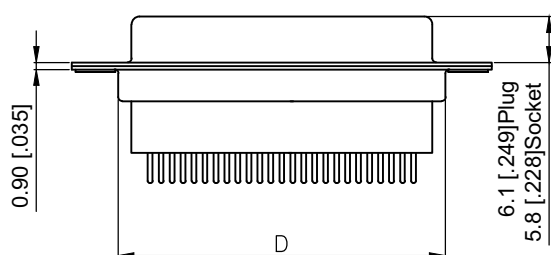
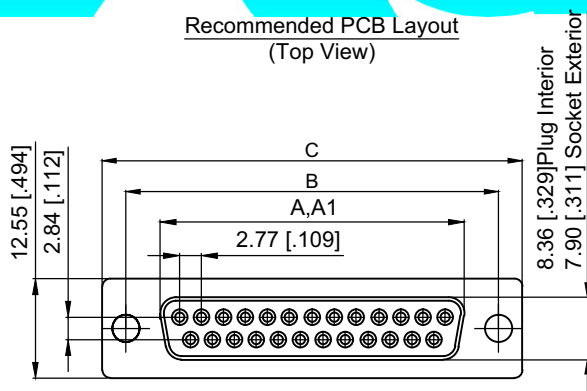


Recommended Pin Lengths and Board Locks

Type	Board Lock Length(L2)	Pin Length(L1)
BR1	11.00	3.80
BR2	12.70	5.20
BR3	14.50	7.20



Recommended PCB Layout
(Top View)



Ordering Information:

DS1XR - B D 25 S - K - CT
1 2 3 4 5 6 7

- 1.Series
DS1XR-D Sub Connector Vertical PCB
Termination, High Profile
HTDS1XR-Reflow Compatible Version
- 2.Shell Size
E-9 Contacts
A-15 Contacts
B-25 Contacts
C-37 Contacts
- 3.Contact Construction
C-Precision Machined, Vertical Pin (PCB Mount)
D-Precision Formed, Vertical Pin (PCB Mount)
- 4.Number of Contacts Per Port
9,15,25,37
- 5.Contact Type
P-Pin Contact(Plug)
S-Socket Contact(Receptacle)
- 6.Mounting Options
- 7.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]	19.18 [.755]
15(A)	24.66 [.971]	25.25 [.994]	33.32 [1.312]	39.14 [1.541]	27.51 [1.083]
25(B)	38.38 [1.511]	38.96 [1.534]	47.04 [1.852]	53.04 [2.088]	41.00 [1.614]
37(C)	54.84 [2.159]	55.42 [2.182]	63.50 [2.500]	69.32 [2.729]	57.71 [2.272]

A=Exterior of Female Shell

A1=Interior of Male Shell

◆ Vertical PCB Mount High Profile

Feature:

- ◆ Industry Standard Compatibility
- ◆ Cable or Edge Card Mounting
- ◆ Durable Metal Shell Design
- ◆ Precision Formed Bifurcated Contacts
- ◆ Variety of Mating and Mounting Options
Plug and Socket available in 9,15,25,
and 37 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
Pin:Brass.
Socket: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

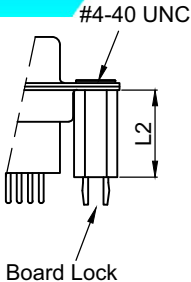
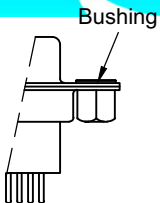
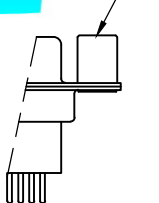
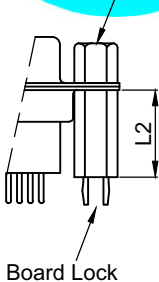
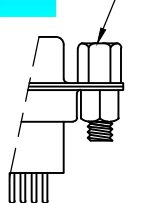
Mechanical Specifications:

- ◆ Contact Extraction Force
1 Kg Min.
- ◆ Contact Insertion Force
5.5 Kg Max.
- ◆ Durability
5000 Mating Cycles Min.
- ◆ 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.

Mounting Options

BR Option	K Option	R Option	BRJ Option	KJ Option
 #4-40 UNC Board Lock 1.2	 #4-40 UNC Bushing	 #4-40 UNC Round Nut	 #4-40 UNC Screw Board Lock 1.2	 #4-40 UNC Screw