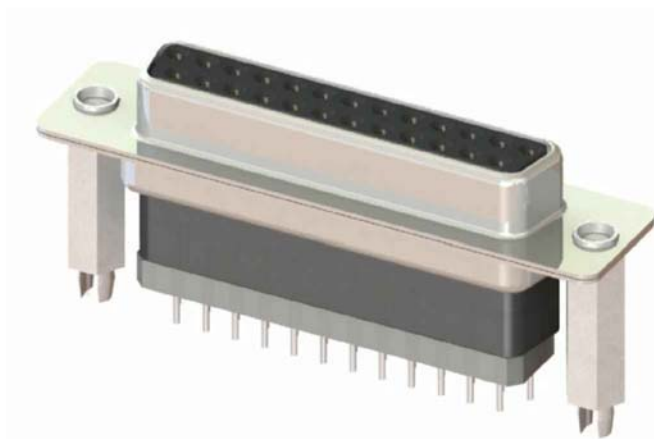


♦ Vertical PCB Mount High Profile with Ferrite

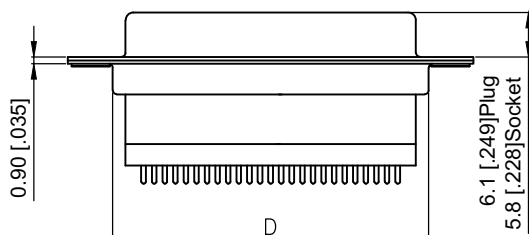
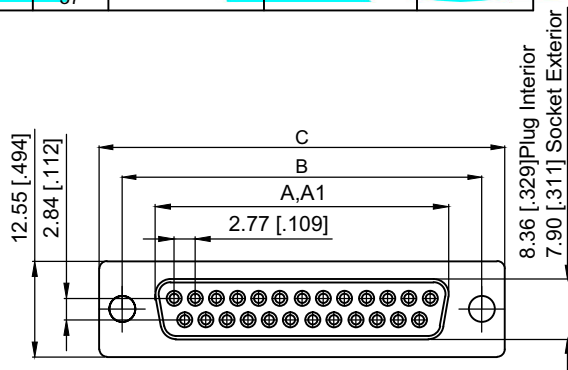


Recommended Pin Lengths and Board Locks

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

Ferrite Specifications

Type	P/N	Measured Value(OHM)	Test Frequency	Thickness
BR2	09	20 MIN.	25 MHz	1.2mm
		40 MIN.	100 MHz	
	15	15 MIN.	25 MHz	
		35 MIN.	100 MHz	
	25	15 MIN.	25 MHz	
		40 MIN.	100 MHz	
BR3	09	20 MIN.	25 MHz	2.7mm
		50 MIN.	100 MHz	
	15	20 MIN.	25 MHz	
		50 MIN.	100 MHz	



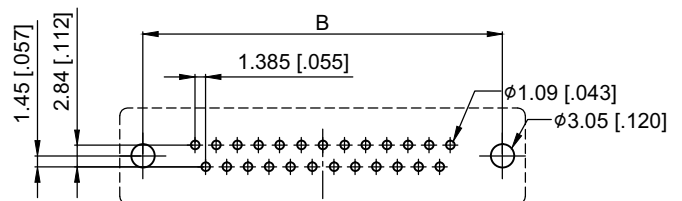
Ordering Information:

DSF1XR - B D 25 S - K - CT
1 2 3 4 5 6 7

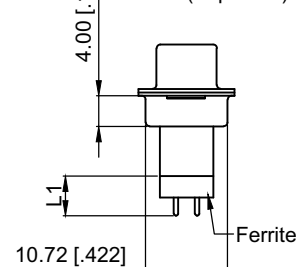
1. Series
DSF1XR-D Sub Connector Vertical PCB Termination, High Profile with Ferrite HTDSF1XR-Reflow Compatible Version
2. Shell Size
E-9 Contacts
A-15 Contacts
B-25 Contacts
C-37 Contacts
3. Contact Construction
C-Precision Machined, Vertical Pin (PCB Mount)
D-Precision Formed, Vertical Pin (PCB Mount)
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



Recommended PCB Layout (Top View)



♦ Vertical PCB Mount High Profile with Ferrite

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

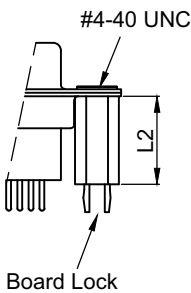
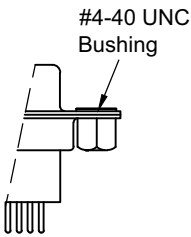
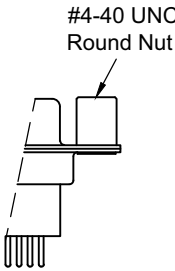
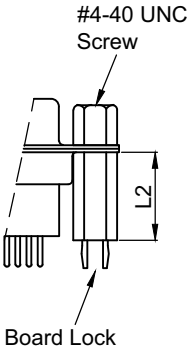
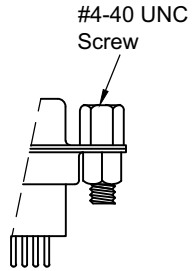
Mechanical Specifications:

- ♦ 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 L2 Board Lock	 #4-40 UNC Bushing L2	 #4-40 UNC Round Nut L2	 #4-40 UNC Screw L2 Board Lock	 #4-40 UNC Screw L2