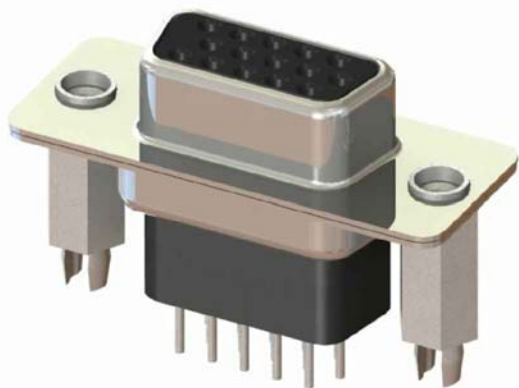


◆ High Density Vertical PCB Mount High Profile



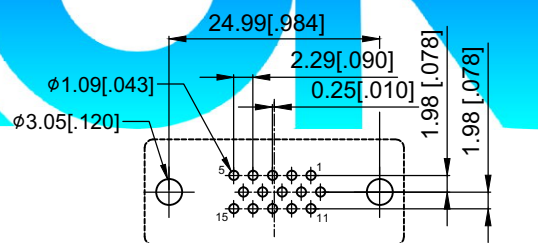
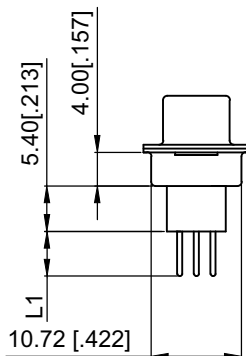
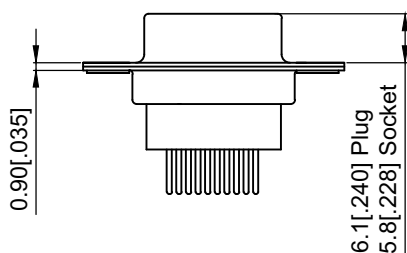
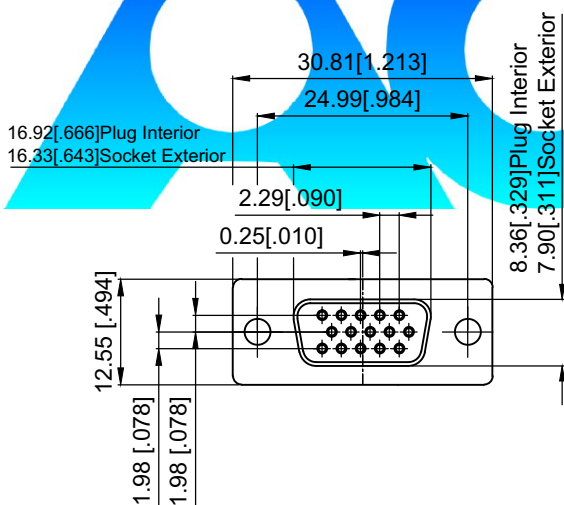
Ordering Information:

DSH1XR - E D 15 S - K - CT
1 2 3 4 5 6 7

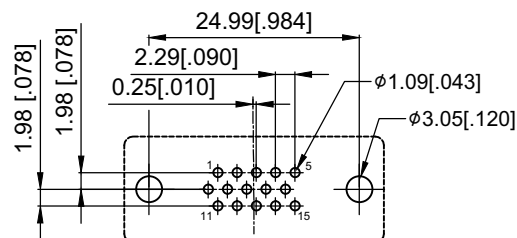
1. Series
DSH1XR-High Density D Sub Connector,
Vertical PCB Termination, High Profile
HTDSH1XR-Reflow Compatible Version
2. Shell Size
E-15 Contacts
3. Contact Construction
C-Precision Machined, Vertical Pin (PCB Mount)
D-Precision Formed, Vertical Pin (PCB Mount)
4. Number of Contacts Per Port
15
5. 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

Recommended Pin Lengths and Board Locks

Type	Board Lock Length(L2)	Pin Length(L1)
BR1	9.60	3.80
BR2	11.00	5.30
BR3	12.70	7.20



Recommended PCB Layout
Female(Receptacle):Top View



Recommended PCB Layout
Male(Plug):Top View

◆ High Density 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 15 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

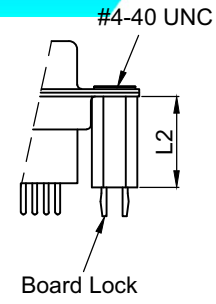
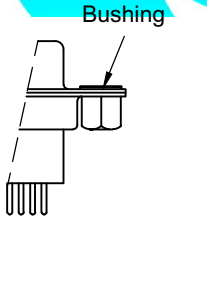
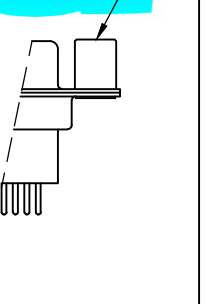
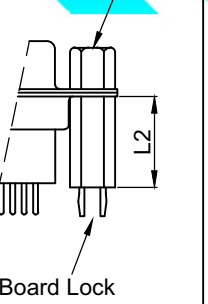
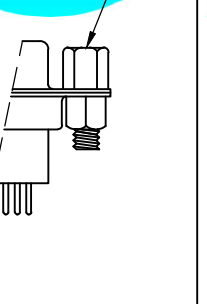
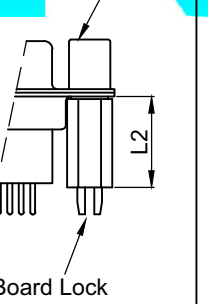
Mechanical Specifications:

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

Mounting Options

BR Option	K Option	R Option	BRJ Option	KJ Option	RBR Option
 #4-40 UNC Board Lock L2	 #4-40 UNC Bushing L2	 #4-40 UNC Round Nut L2	 #4-40 UNC Screw Board Lock L2	 #4-40 UNC Screw L2	 #4-40 UNC Round Nut Board Lock L2