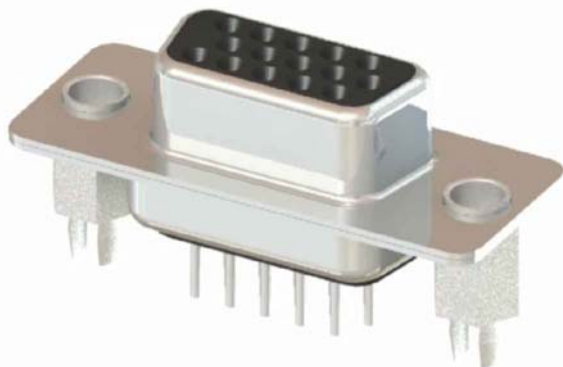


◆ High Density Vertical PCB Mount and Solder Cup



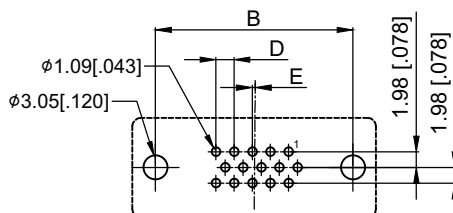
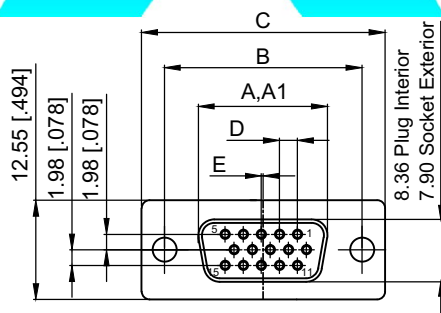
Ordering Information:

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

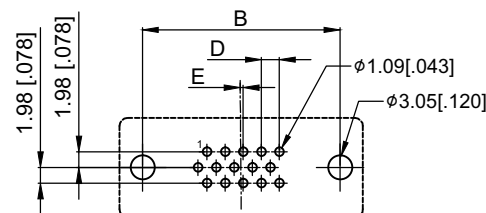
1. Series
DSHXR-High Density D Sub Connector, Solder Cup or Vertical PCB Termination
HTDSHXR-Reflow Compatible Version
2. Shell Size
E-15 Contacts
A-26 Contacts
B-44 Contacts
C-62 Contacts
3. Contact Construction
A-Precision Formed, Solder Cup
C-Precision Machined, Vertical Pin (PCB Mount)
D-Precision Formed, Vertical Pin (PCB Mount)
4. Number of Contacts Per Port
15,26,44,62
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	E
15(E)	16.33 [.643]	16.92 [.666]	24.99 [.984]	30.81 [1.213]	2.29 [.090]	0.25 [.010]
26(A)	24.66 [.971]	25.25 [.994]	33.32 [1.312]	39.14 [1.541]	2.29 [.090]	0.51 [.020]
44(B)	38.38 [1.511]	38.96 [1.534]	47.04 [1.852]	53.04 [2.088]	2.29 [.090]	0.51 [.020]
62(C)	54.84 [2.159]	55.42 [2.182]	63.50 [2.500]	69.32 [2.729]	2.41 [.095]	0.58 [.023]

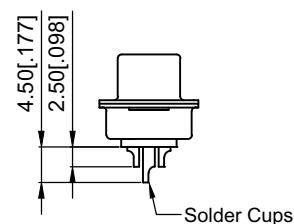
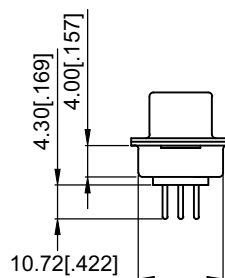
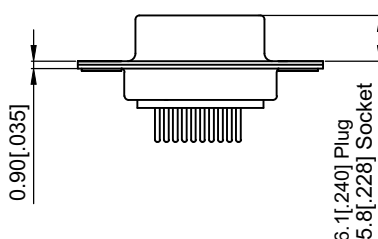
A=Exterior of Female Shell
A1=Interior of Male Shell



Recommended PCB Layout
Female(Receptacle):Top View



Recommended PCB Layout
Male(Plug):Top View



◆ High Density Vertical PCB Mount and Solder Cup

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 15,26,44 and 62 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

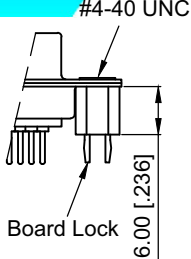
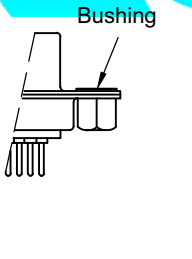
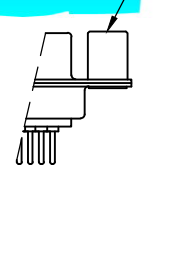
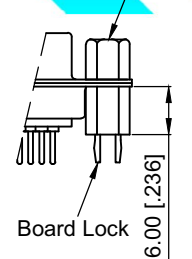
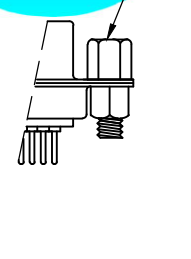
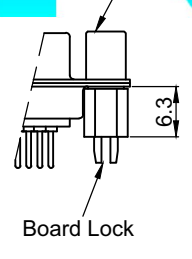
Mechanical Specifications:

- ◆ 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 6.00 [236] Board Lock	 #4-40 UNC Bushing 6.00 [236]	 #4-40 UNC Round Nut 6.00 [236]	 #4-40 UNC Screw 6.00 [236] Board Lock	 #4-40 UNC Screw 6.00 [236]	 #4-40 UNC Round Nut 6.00 [236] Board Lock