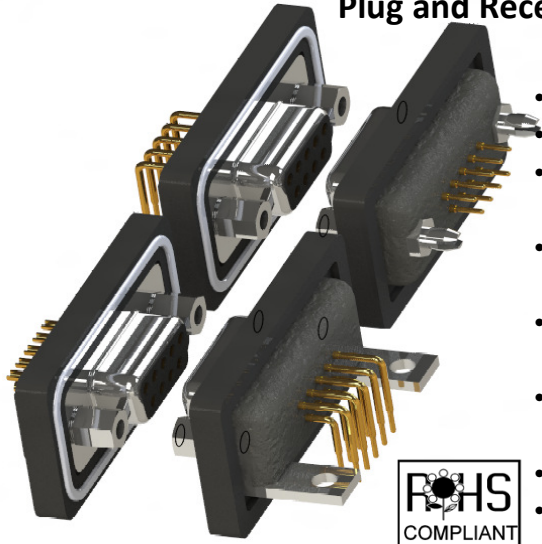




SERIES 627/628/629/630 WATERPROOF D-SUB



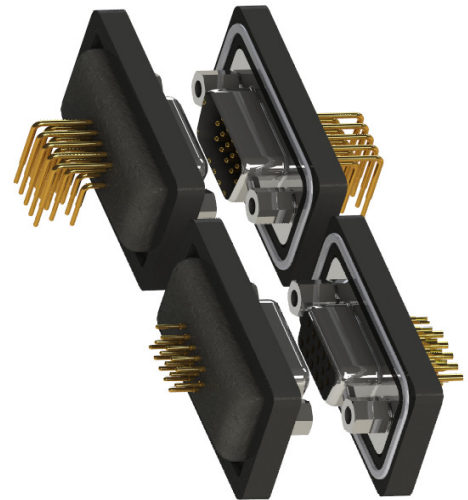
Plug and Receptacle , Straight or Right Angle PCB Mount



- .109"(2.77mm) Contact Spacing x .112"(2.82mm) Row Spacing
- Plug and Receptacle in 9, 15, or 25 Contact Pin Sizes
- Pin Contact Mating Design with P.C. Tail Termination in Right Angle, Straight or Solder Cup Termination
- Plug Shell Indents Provide Grounding and Additional Mating Retention
- Grounding Feature include Two Prong Boardlock for Exceptional Retention to P.C. Board
- Mounting Options for Panel Mount or Connector Mating include Threaded Inserts or Threaded Standoffs
- D-Shaped Connector Mating Outline provides Polarization
- Degree of Protection: IP67 as per IEC60529

Specifications:

Insulator Material	PBT Thermoplastic with 30% Glass Filled, UL 94V-0 Rated, Black color
Contact Material	Pins and Sockets: Copper Alloy
Contact Plating	Gold Plating over Nickel underplating
Shell Material	Nickel Plated Steel
Epoxy Sealant	Epoxy
O-Ring	Silicone
Current Rating	5A Per Contact
Contact Resistance	10 Milliohms MAX
Insulation Resistance	5000 Megohms MIN
Dielectric Voltage	1000V AC rms at Sea Level
Operating Temp.	-25°C To +85°C



Ordering Code:

627-W09-220-012

SERIES:
 PLUG, Vertical PCB Mount, Standard Size 627
 Receptacle, Vertical PCB Mount, Standard Size 628
 PLUG, Right Angle, 10.3 [0.406], Standard Footprint 629
 Receptacle, Right Angle, 10.3 [0.406] Standard Footprint 630

CROSS / REF:
 EDAC CODE
 WATERPROOF W

NO. OF CONTACTS:
 9 CONTACT PINS 09
 15 CONTACT PINS 15
 25 CONTACT PINS 25

CONTACT PLATING
 Gold Flash Plating over Nickel 2
 15 µIN of Gold Plating over Nickel 3
 30 µIN of Gold Plating over Nickel 6

MOUNTING OPTION:
 2 #4-40 UNC THREADED HOLE
 3 RIVETED #4-40 UNC BOARDLOCKS AND
 (Only for Vertical DIP version)
 5 BRACKET #4-40 UNC WITHOUT BOARDLOCKS
 (Only for Right Angle version)

NOTE: ALL CONNECTORS ARE SHIPPED WITH
 #4-40 UNC HEXAGON SCREWS
 (Packed Separately)

SHELL OPTIONS:
 1 NICKEL PLATED

INSULATOR COLOR:
 0 BLACK

CONTACT CODE:
 20 PC TAIL FOR STANDARD D-SUB
 22 SOLDER CUP TERMINATION
 40 RIGHT ANGLE TAIL,
 10.3 [0.405] FOOTPRINT (9.4 NODE)