



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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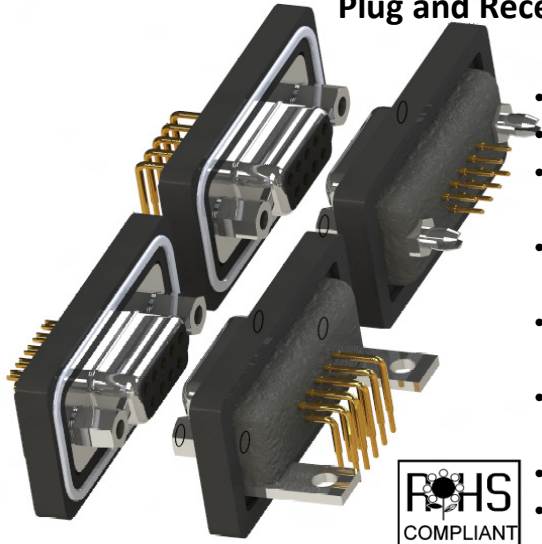




SERIES 627/628/629/630 WATERPROOF D-SUB



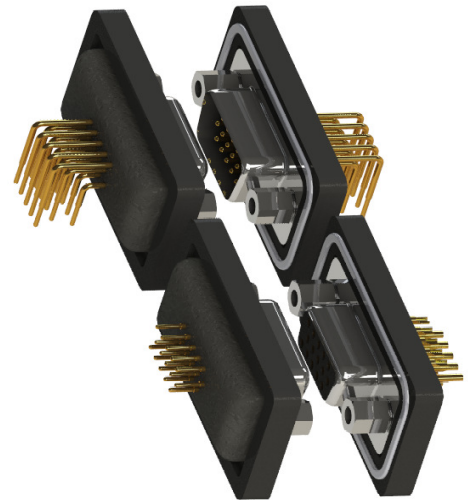
Plug and Receptacle , Straight or Right Angle PCB Mount



- .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)