

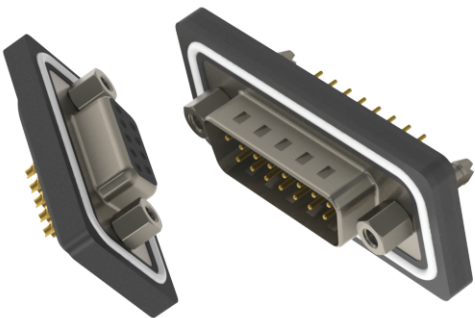
627W/628W SERIES



Waterproof D-Sub Connectors: Vertical

Features:

- 0.109"(2.77mm) contact spacing x 0.112"(2.82mm) row spacing
- Plug and receptacle in 9, 15, 25 or 37 contact sizes
- Pin and socket contact mating design with P.C. tail termination or solder cup termination
- Plug shell indents provide grounding and additional mating retention
- Grounding features 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	5 amps
Contact Resistance	10 Milliohms maximum
Dielectric Withstanding Voltage	5000 megaohms minimum
Insulation Resistance	1000 V AC rms at Sea Level
Operating Temperature	-25°C To +85°C

Ordering Code:

627-W09-220-012

SERIES:
627 - PLUG (PIN)
628 - RECEPTACLE (SOCKET)

EDAC CODE:
W - WATERPROOF

NO. OF CONTACTS:
09 - 9 CONTACTS
15 - 15 CONTACTS
25 - 25 CONTACTS
37 - 37 CONTACTS

CONTACT PLATING:
2 - GOLD FLASH PLATING
3 - 15µ" OF GOLD PLATING
6 - 30µ" OF GOLD PLATING

MOUNTING OPTION:
2 - #4-40 UNC THREADED HOLE
3 - RIVETED #4-40 UNC BOARDLOCKS
(ONLY AVAILABLE WITH CONTACT CODE 20)

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 (LENGTH = 3.50mm)
21 - PC TAIL (LENGTH = 14.95mm)
22 - SOLDER CUP TERMINATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

EDAC:

<u>627-W09-220-013</u>	<u>627-W09-222-012</u>	<u>628-W09-220-013</u>	<u>628-W09-222-012</u>	<u>628-W09-220-012</u>	<u>627-W09-220-012</u>
<u>628-W25-220-012</u>	<u>628-W15-222-012</u>	<u>627-W15-222-012</u>	<u>627-W25-220-012</u>	<u>627-W25-222-012</u>	<u>628-W15-220-012</u>
<u>628-W25-222-012</u>	<u>627-W15-220-012</u>	<u>627-W15-320-013</u>	<u>627-W15-322-012</u>	<u>627-W25-620-013</u>	<u>627-W09-622-012</u>
<u>627-W09-620-013</u>	<u>627-W09-320-012</u>	<u>627-W15-220-013</u>	<u>627-W25-322-012</u>	<u>627-W15-620-013</u>	<u>627-W25-320-013</u>
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<u>627-W25-221-012</u>	<u>627-W15-321-012</u>	<u>628-W09-321-012</u>	<u>627-W15-221-012</u>	<u>628-W15-321-012</u>	<u>628-W25-621-012</u>
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