

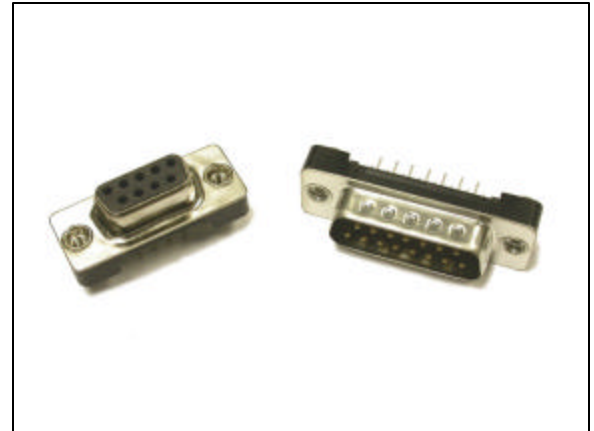


SERIES 627 / 628 EXTENDED BODY D-SUBMINIATURES VERTICAL MOUNT

The Edac Extended Body Series 627 (Plug) and 628 (Receptacle) D-Subminiature connectors are vertical mount connectors that have a plastic body that extends to the edge of the connector. This allows for the plastic body to act as an insulated standoff. This series is available as a low profile Dshell in sizes of 9, 15, 25, and 37 contacts. They will mate with all other industry-standard D-Sub connectors that are based on EIA RS232, EIA RS449, and MIL-C-24308 standards. All connectors feature a metal shell for EMI/RFI shielding and have two prong board locks for strong vertical retention to the printed circuit board. Indents on the plug shell provide grounding and additional mating retention. A wide variety of mounting options are available.

SPECIFICATIONS

- Contact Separation Force: 1 to 10 oz. per position
- Insulator Material: Black thermoplastic polyester, UL 94V-0
- Contact Material: plug brass; receptacle phosphor bronze
- Contact Plating: Gold over nickel for the mating area
- Shell Material: Nickel-plated steel
- Operating Temperature: -55° to +125° C
- Current Rating: 5 amperes
- Contact Resistance: 10 milliohms maximum
- Dielectric Withstanding Voltage: 1000 V AC rms @0asl
- Insulation Resistance: 5000 megohms minimum



This series is available worldwide through our global distribution network. Factory standard package is 25 pieces per carton.

ORDERING CODE

SAMPLE PART NUMBER: 627- 025 - 220 - 011

- **627 = Series Number** : Extended plastic body plug with vertical mount. For an extended plastic body receptacle use series 628.
- **025 = Number of Contacts** : 025 = 25 pins. Available in 9, 15, 25 or 37 pins (stamped contacts)
- **2 = Contact Plating Code** : 2 = gold flash (euro class 3). Other standard plating options include 3 for 15u gold plate (euro class 2), and 6 for 30u gold plate (euro class 1).
- **20 = Contact Style** : 20 = 0.140 (3.56mm) PCB tail. Alternate style : 21 = 0.165 (4.18mm) PCB tail
- **0 = Modification Code** : 0 = standard part. A code of 9 indicates that this is a custom product. Edac can custom manufacture D-Subs to meet any design criteria. This includes unique contact plating, special contact lengths, board mount options, or panel mount hardware, as well as alternate plastics or metals. This family is also available with standard low or high profile bodies - see 627 Standard Body series.
- **1 = Body Style** : 1 = plastic low profile 0.237 (6.02mm) extended body.
- **1 = Panel Mounting Options** : 1 = 0.125 (3.18mm) diameter through-hole; 2 = 4-40 UNC threaded insert; 3 = 4-40 UNC threaded standoff; 4 = 4-40 UNC threaded insert with DIP solder prongs; 5 = 4-40 UNC threaded standoff with DIP solder prongs; 6 = 4-40 UNC threaded insert with board locks; 7 = 4-40 UNC threaded standoffs with board locks.