



Harsh Environment Connectivity Solutions



Sealed Unmated Power Jacks

Up to 13A current rating (carry) . Up to 24V AC/DC.
Available in sealed only but can be used with S10 style plugs both sealed and non-sealed. Recommend plug locking versions to keep plugs connected to jack. Ideal for applications spanning from sealed data transmission to military and industrial GPS devices to medical equipment and general industrial electronic applications.

Mechanical Specifications

Life: 5000 mechanical cycles minimum using S10 style plugs
Vibration: Mil-Std 202G Method 201A (jack or when mated with locking plug)
Operating Forces: 3 lb maximum insertion
0.2 lb minimum withdrawal when using S10 type plug
Panel Mount Torque: 8-10 in/lb

Electrical Specifications

Voltage Rating: 24V AC/DC
Current Rating: Refer to current rating table
Insulation Resistance: 1000 M Ω minimum initial
Contact Resistance (Initial): 10 m Ω maximum

Environmental Specifications

Operating Temperature Rating: -40 $^{\circ}$ C to +105 $^{\circ}$ C (-40 $^{\circ}$ F to +221 $^{\circ}$ F)
Moisture Resistance: Mil-Std 202G Method 106G (jack or when mated with sealed locking plug)
Insulation Resistance: Mil-Std 202G Method 302 (Condition B Only)
Thermal Shock: Mil-Std 202G Method 107G (jack or when mated with sealed locking plug)
Salt Atmosphere (Corrosion): Mil-Std 202G Method 101E Condition B
Weathertight Ratings: IP66, IP67, IP68, NEMA 250 (6P) (jack or when mated with sealed locking plug)

Material Specifications

Housing, Hex Nut: Copper Alloy, Nickel Plated
Washer: Steel, Nickel Plated

Insulator: Thermoplastic, Black
O-Ring: Elastomer, Black
Internal O-Rings: Elastomer, Amber
Center Pin: Copper Alloy, Gold over Silver Plated
Center Pin & Shunt Terminals: Copper Alloy, Matte Tin Plated
Sleeve Spring Contact: Copper Alloy, Gold over Silver Plated