

Performance

Interface:	Per M83513
Contact Rating:	3-amperes maximum
Solderability:	Terminals (except crimp) tested in accordance with MIL-STD-202, Method 208
Wire Size:	Stranded #24, #26, #28 AWG or solid #25 AWG standard (consult factory for other sizes and types)
Test Voltage:	600 V, RMS, 60 Hz
Operating Temperature:	-55° C to +100° C
Insulation Resistance:	5,000 megohms minimum @ 500 VDC
Durability:	500 connector mating cycles
Vibration:	Tested in accordance with EIA-364-28, Condition IV, according to MIL-83513
Shock:	Tested in accordance with EIA-364-27, Condition E, according to MIL-83513
Salt Spray:	Mated connectors tested in accordance with EIA-364-26, Test Condition B, according to M83513
Humidity:	Mated connectors tested in accordance with EIA-364-31, Method IV (except steps 7a and 7b)
Thermal Shock:	Tested to the temperature extremes of EIA-364-32, Method A, Test Condition I (except step 3, temperature shall be 100° C)
Contact Resistance:	0.065 volt maximum drop @ 2.5 amps (.026 ohms), according to M83513
Contact Engaging Force:	6.0 ounce maximum, with .0221 diameter test sleeve
Contact Separating Force:	0.5 ounce minimum, with .0230 diameter test sleeve
Crimp Strength:	5 pound minimum tensile strength
Sealing:	15 PSI per EIA-364-02 at room temperature, 5 minutes with no visible air leaks, positive pressure from wire (back side) of connector. (Body Styles E & H) 30 PSI per EIA-364-02 at room temperature, 5 minutes with no visible air leaks, positive pressure from wire (back side) of connector. (Body Styles K & L)

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