



Performance Reference M32139

AirBorn "N" Series meets or exceeds M32139 Performance Specifications

Contact Rating:	1-amperes maximum
Solderability:	Terminals (except crimp) tested in accordance with MIL-STD-202, Method 208
Wire Size:	Stranded #30 & #32 AWG or solid #30 AWG standard (consult factory for other sizes and types)
Test Voltage:	250 V, RMS, 60 Hz
Operating Temperature:	-55° C to +125° C
Insulation Resistance:	5,000 megohms minimum @ 100 VDC
Durability:	200 connector mating cycles tested in accordance with EIA-364-09
Vibration:	Tested in accordance with EIA-364-28, Condition IV
Shock:	Tested in accordance with EIA-364-27, Condition G
Salt Spray:	Mated connectors tested in accordance with EIA-364-26, Condition B
Humidity:	Mated connectors tested in accordance with EIA-364-31, Condition A (except steps 7a and 7b)
Thermal Shock:	Tested to the temperature extremes of EIA-364-32, Condition I
Contact Resistance:	0.021 volt maximum drop @ 1.0 amps (.021 ohms)
Contact Engaging Force:	5.0 ounce maximum, with minimum diameter test sleeve
Contact Separating Force:	0.4 ounce minimum, with maximum diameter test sleeve