

PERFORMANCE REFERENCE M32139

AirBorn N Series meets or exceeds MIL-DTL-32139 performance specifications.

CONTACT RATING:	1-amperes maximum
SOLDERABILITY:	Terminals (except crimp) tested in accordance with MIL-STD-202, method 208
WIRE SIZE:	Stranded #30 and #32 AWG or solid #30 AWG standard <i>(consult factory for other sizes and types)</i>
TEST VOLTAGE:	250V (RMS), 60 Hz
OPERATING TEMPERATURE:	-55° C to +125° C
INSULATION RESISTANCE:	5,000 megaohms minimum at 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 <i>(except steps 7a and 7b)</i>
THERMAL SHOCK:	Tested to the temperature extremes of EIA-364-32, condition I
CONTACT RESISTANCE:	0.021 volt maximum drop at 1.0 amps (.021 Ohms)
CONTACT ENGAGING FORCE:	5.0 oz maximum, with minimum diameter test sleeve
CONTACT SEPARATING:	0.4 oz minimum, with maximum diameter test sleeve