

# Mil Spec Requirement vs. Omnetics

TEST	Micro-D MIL-DTL-83513 (1.27 mm pitch)	Nano-D MIL-DTL-32139 (.64 mm pitch)
Contact Resistance	26 mΩ	71 mΩ
	9 mΩ	13 mΩ
Shock	50 G	100 G
	500 G	500 G
Durability	500 Mating Cycles	200 Mating cycles
	2,000 MATING CYCLES	2,000 MATING CYCLES
Temperature	-55° C to +125° C	-55° C to +125° C
	-270° C up to 260° C	-270° C up to 200° C