Material and Finish

Body: High Temperature Thermoplastic, UL94V-0 Rated, Black

Contacts: Phosphor Bronze, Gold Flash over Nickel on Contacts, Tin over Nickel on Termination

Shield: SPCC, Nickel Plated

Electrical Characteristics

Contact Resistance:
Before Test:
Plug to Shield: 50 Milliohm Max.
Plug to Terminals: 30 Milliohm Max.

After Test:
Plug to Shield: 100 Milliohm Max.
Plug to Terminals: 60 Milliohm Max.

Insulation Resistance:
500 Megohms Min.

Dielectric Withstanding Voltage:
500V AC RMS For 1 Minute

Current Rating:
1 Amp at 18V DC

Mechanical Characteristics

Durability Test: 500 Cycles Min.

Insertion Force: 0.5kg - 4.5kg

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: -25°C to +70°C