



SMP MALE PCB MOUNT (4 LEG, STRAIGHT CONTACT)

Electrical & Mechanical Specifications

| | |
|---------------------------------|---|
| Characteristics Impedance | 50 Ω |
| Frequency Range | DC to 40 GHz |
| VSWR | 1.20:1 max : DC to 18 GHz 1.15:1 max : 23 to 26.5 GHz 1.40:1 max : 26.5 to 40 GHz |
| Insertion Loss | 0.10 dB x √GHz dB |
| RF leakage (Fully Mated) | -80 dB min. DC to 3 GHz -65 dB min. from 3 to 26.5 GHz |
| Voltage Rating | 335 Vrms max.at sea level |
| Dielectric Withstanding Voltage | 500 Vrms max. at sea level |
| Insulation Resistance | 5000 megohms min. |
| Dielectric Resistance | ≥5000MΩ |
| Contact Resistance | Center Contact ≤6mΩ Outer Contact ≤2.0mΩ |
| Durability | Mating cycles ≥250 |

Material & Plating

| | Material | Plating |
|------------------|------------------|---------|
| Body | Brass | Ag |
| Insulator | PTFE | — |
| Center conductor | Beryllium Copper | Au |

Environmental

| | |
|-------------------|-----------------|
| Temperature Range | -65°C ~ +165 °C |
| RoHS | Compliant Yes |