SERIES SMC-75
RF COAXIAL CONNECTORS

Key performance
Characteristic impedance: 75 Ω
Frequency range: 0–2GHz
Contact resistance:
  Center conductor ≤ 6.0 mΩ
  Outer conductor ≤ 1.0 mΩ
Insulation resistance: ≥ 1000MΩ
Insulator voltage withstanding: 750V
VSWR: ≤ 1.30
Connector durability: 500 cycles
Applicable spec/standard: MIL-C-39012

Material
Center contacts:
  Male—brass, gold plated,
  Female—beryllium copper, gold plated
Bodies and other metal parts:
  brass, gold plated
Insulators: Teflon
Crimp ferrule: copper, nickel plated.
Gasket and seal rings: silicone rubber
Heat-shrink tubing: thermostop plastic.

Interface Dimensions

Reference Plane

5.91 min
3.25 – 3.35
1.78 – 2.03
3.43 – 3.53
3.28 – 3.38

5.64 max
3.10
6.32 – 6.33
9.06 – 9.07
9.00 – 9.01