Series SSMB-75 is the same as SMB RF coaxial connectors, except that center conductor is different from insulator put to match the interface. It is miniature snap-on style 75 Ω connector.

**Key performance**
- Characteristic Impedance: 75 Ω
- Frequency range: 0–1 GHz
- Contact resistance:
  - Center conductor ≤ 10.0m Ω
  - Out conductor ≤ 3.0m Ω
- Insulation resistance: ≥ 1000M Ω
- Insulator voltage withstanding: 750V
- Connector durability: 500 cycles
- Applicable spec/stand: 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: thermofit plastic

**Interface Dimensions**

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**Reference Plane**