SAA connectors are miniature push-pull self-latching style connectors. The SAA connector series is recommended for use in confined areas where the use of wrenches is not practical.

**Key performance**
- Characteristic impedance: 50 ohm
- Frequency range: 0-6GHz
- Contact resistance:
  - Center conductor: \( \leq 10.0 \text{m} \Omega \)
  - Outer conductor: \( \leq 3.0 \text{m} \Omega \)
- Insulation resistance: \( \geq 1000 \text{M} \Omega \)
- Insulation voltage withstanding: 750V
- VSWR: \( \leq 1.35 \)
- Connector durability: 500
- Applicable spec/stand: DIN47297

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

**Interface Dimensions**