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# SMA Female Connector for RG-58 / L-195 Coaxial Cable, Bulkhead Rear Mount

SKU
ACC-PT-00049
MPN
SA2-C-L19.BRM

**Description**

The SMA Female Connector for RG-58/L-195 Coaxial Cable, Bulkhead Rear Mount (SKU: ACC-PT-00049) by Powertec, part number SA2-C-L19.BRM, is a high-performance RF connector designed for reliable and durable connections. Featuring a straight body and bulkhead mounting style, this connector is compatible with RG-58 cable types and uses a cable crimp attachment for secure connections. It is crafted from brass with gold plating for enhanced conductivity and corrosion resistance, while the inner contacts are phosphor bronze with gold plating. The PTFE/Teflon insulator ensures stable performance across a wide temperature range from -65 °C to 165 °C.

This connector supports a frequency range from 0 GHz to 6.0 GHz with an input impedance of 50 Ω, ensuring minimal signal loss. It offers excellent durability withstanding over 500 mating cycles, and its contact resistances are ≤ 3 mΩ for the inner contact and ≤ 2 mΩ for the outer contact. The...

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RF Connector Interface

| RF Interface | Body Shape | Mounting |
|---|---|---|
| SMA Female | Straight | Bulkhead |

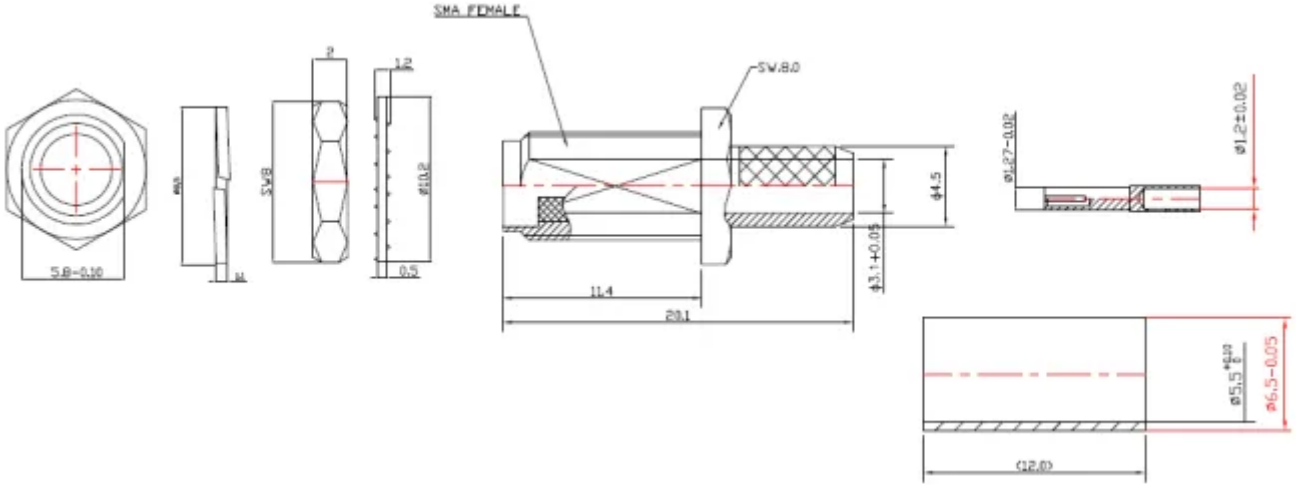
# RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Dielectric Withstand
500 Vrms
Input Impedance
50 Ω
Inner Contact Resistance
≤ 3 mΩ
Outer Contact Resistance
≤ 2 mΩ
VSWR Measurement

| Frequency | VSWR |
|---|---|
| 6000 MHz | ≤ 1.25:1 |

# Physical Specification

Cable Group
RG-58
Body Material
Brass
Body Plating
Gold
Insulator Material
PTFE / Teflon
Dimensions
20.1 × 11.4 × 12
Conductor Attachment
Cable, Crimp
Contact Material
Phosphor Bronze
Contact Plating
Gold
Min. Operating Temperature
-65 °C
Max. Operating Temperature
165 °C
Mating Cycles
> 500
Drawing




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