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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  $\Omega$ , ensuring minimal signal loss. It offers excellent durability withstanding over 500 mating cycles, and its contact resistances are  $\leq 3$  m $\Omega$  for the inner contact and  $\leq 2$  m $\Omega$  for the outer contact. The...

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## **Powertec**

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

## **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  $\Omega$

Inner Contact Resistance

$\leq 3 \text{ m}\Omega$

Outer Contact Resistance

$\leq 2 \text{ m}\Omega$

VSWR Measurement

## Frequency VSWR

6000 MHz  $\leq 1.25:1$

## 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

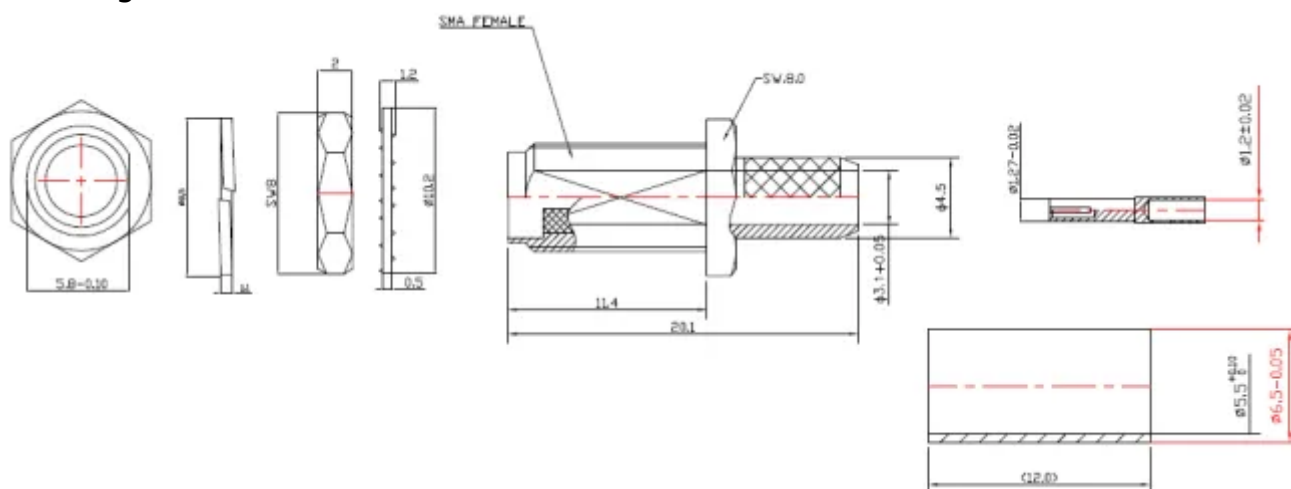
Max. Operating Temperature

165 °C

Mating Cycles

> 500

Drawing



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