Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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...

Read More

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	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	≤ 3 mΩ
Dielectric Withstand:	500 Vrms	Outer Contact Resistance:	≤ 2 mΩ

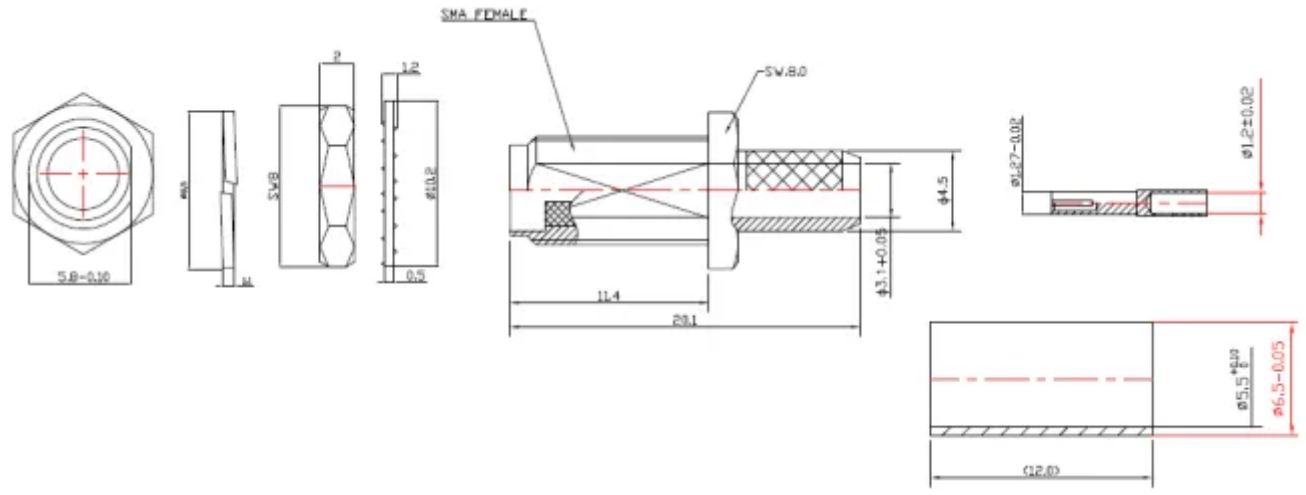
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.25:1

Physical Specification

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

Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.