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SMA Female Connector for L-240 Coaxial Cable, Bulkhead Rear Mount

SKU
ACC-PT-00188
MPN
SA2-C-L24-BRM
Barcode
9337692003516

Description

SMA connectors are a mainstay of low frequency wireless technologies.

This bulkhead mounted SMA Female connector is designed for an ordinary crimp and solder attachment to LMR-240 and equivalent series coaxial cables.

Installation is simple. After preparing the cable, the pin is soldered onto the centre conductor and outer body pushed over the top until the pin sits flush. A standard 6.5 mm (0.255") hex die is used to crimp the ferrule.

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The bulkhead interface allows the SMA connector to be panel mounted by drilling a 7 mm diameter hole and sliding the body from the rear through the hole. The supplied nut and washer secures the SMA connector to the mounting surface.

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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

Input Impedance

50 Ω

Inner Contact Resistance

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

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

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

RF Operating Voltage

≤ 480 Vrms

VSWR Measurement

Frequency VSWR

3000 MHz $\leq 1.2:1$

6000 MHz $\leq 1.3:1$

Physical Specification

Cable Group

[L-240](#)

Body Material

[Brass](#)

Body Plating

[Gold](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

22.5 × 9 × 9

Weight

5.7 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Conductor Attachment

[Cable, Crimp](#)

Contact Material

[Brass](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

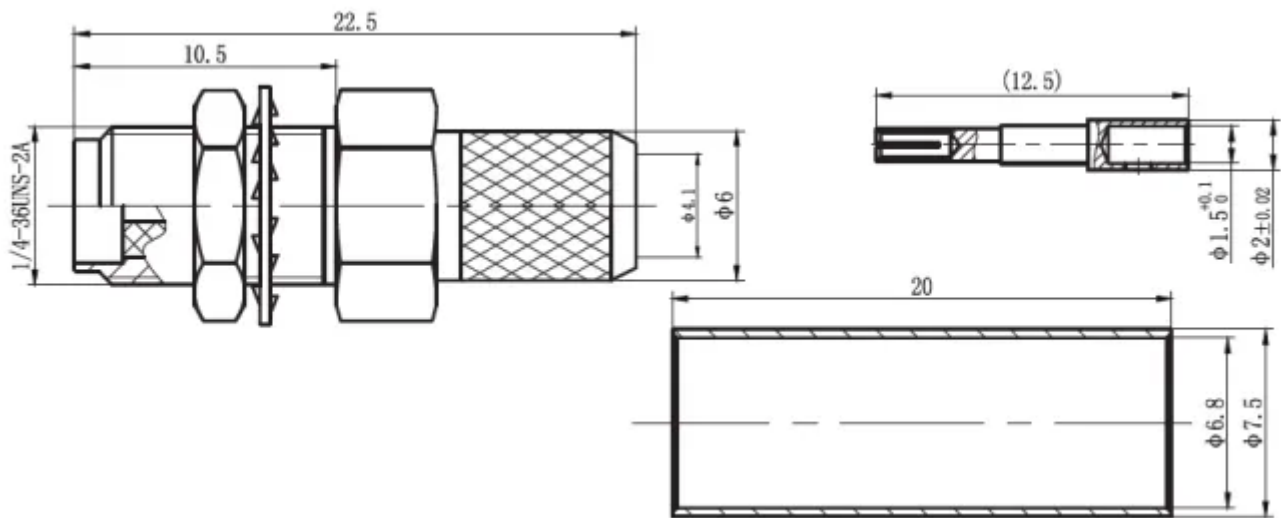
Max. Operating Temperature

85 °C

Mating Cycles

> 500

Drawing



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