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Huang Liang 2.92 mm Male to SMA Male Adapter

SKU
ACC-HL-00038
MPN
ADU1-KM1-SMM1

Description

The Huang Liang 2.92 mm Male to SMA Male Adapter (ADU1-KM1-SMM1) is a high-quality 50 Ω coaxial RF adapter suited for various applications. It features a 2.92 mm Male interface and an SMA Male interface, both with straight body shapes and free-hanging mounting mechanisms. This adapter is compatible with 2.92 mm Female and SMA Female interfaces, respectively.

Designed for a wide frequency range from 0 GHz to 26.5 GHz, the adapter ensures reliable performance across diverse RF applications. Constructed from Stainless Steel (303) with a passivated finish, it offers durability and corrosion resistance. The inner contacts are made from Beryllium Copper with Gold plating, enhancing signal integrity and conductivity.

Operating within a temperature range of -65 °C to 150 °C, this adapter is versatile and robust under varying environmental conditions. It is manufactured according to ISO 9001 Quality Management standards and is RoHS compliant...

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Huang Liang

Huang Liang is a Taiwanese manufacturer of precision coaxial connectors, adapters and cable assemblies. The company provide solutions to different industries including military, telecommunications, and aerospace.

Over 30 years of experience in developing and designing RF products, Huang Liang has overcome many challenges, resulting in unmatched expertise in the field of RF technology. Huang Liang ...

RF Connector Interface

RF Interface Body Shape Mounting

[2.92 mm Male Straight](#) [Free Hanging](#)

[SMA Male](#) [Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

26.5 GHz

RF Operating Voltage

≥ 350 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

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

Outer Contact Resistance

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

VSWR Measurement

Frequency VSWR Insertion Loss

26500 MHz $\leq 1.2:1$ 0.25 dB

Physical Specification

Body Material

[Stainless Steel \(303\)](#)

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-65 °C

Max. Operating Temperature

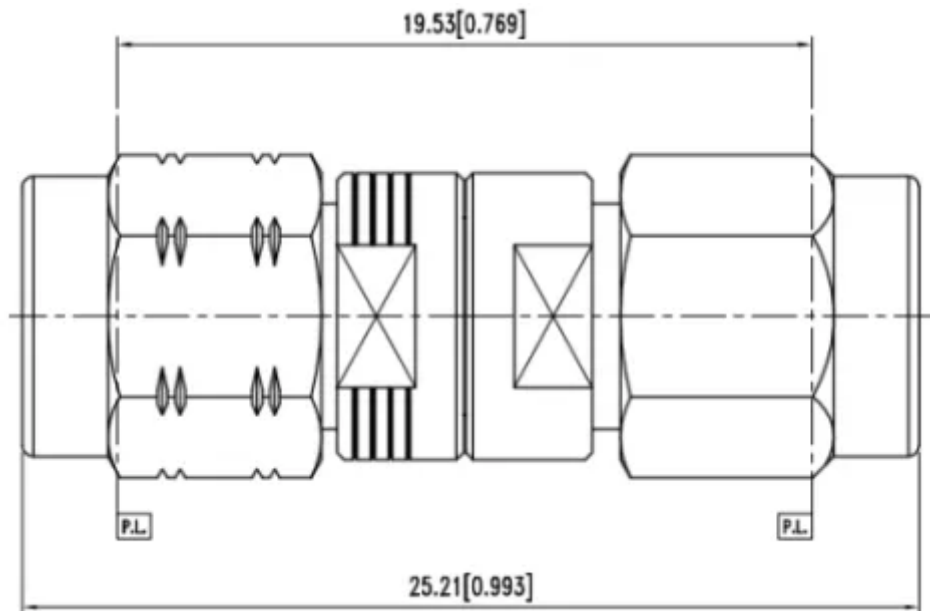
150 °C

Mating Cycles

> 500

Drawing

Image



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