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Huang Liang 2.4 mm Male to 3.5 mm Female Adapter

SKU
ACC-HL-00024
MPN
ADU1-QM1-35F1

Description

The Huang Liang ADU1-QM1-35F1 Adapter is a high-quality 50 Ω coaxial RF adapter featuring a 2.4 mm Male to 3.5 mm Female connection. It supports a frequency range from 0 GHz to 34 GHz, making it suitable for various RF applications. The adapter has a straight, free-hanging body compatible with 2.4 mm Male, 1.85 mm Female, 3.5 mm Male, and SMA Male interfaces.

Constructed from 303 stainless steel with a passivated finish, it ensures durability and corrosion resistance. The inner contacts are made of Beryllium Copper with Gold plating, enhancing conductivity and reliability. It operates effectively within a temperature range of -40 °C to 105 °C.

This adapter meets ISO 9001 Quality Management standards and is RoHS compliant, ensuring high manufacturing quality and environmental responsibility. Huang Liang, a Taiwan-based manufacturer with over 30 years of expertise, specialises in precision coaxial connectors, adapters, and cable assemblies...

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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

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

[3.5 mm Female](#) [Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

34 GHz

RF Operating Voltage

≥ 250 Vrms

Input Impedance

50 Ω

Inner Contact Resistance

≤ 6 m Ω

Insulation Resistance

$\geq 3000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

Frequency VSWR Insertion Loss

34000 MHz $\leq 1.2:1$ 0.35 dB

Physical Specification

Body Material

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

Body Plating

[Passivated](#)

Insulator Material

[PTFE / Teflon](#)

Weight

5.9 g

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Contact Material

[Beryllium Copper](#)

Contact Plating

[Gold](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

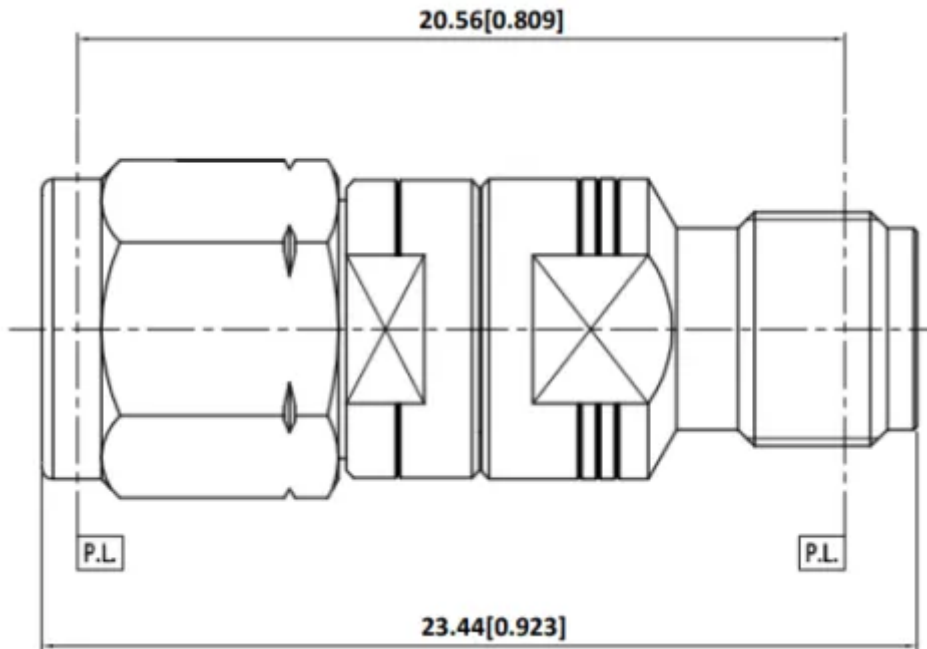
105 °C

Mating Cycles

> 500

Drawing

Image



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