RF COAXIAL TERMINATION

1.0 mm Female RF Terminator

DC–110 GHz | 50 Ω | 1 W

P/N VST-F-110F0102-110G

PRODUCT OVERVIEW

A fixed 50 Ω coaxial termination with a 1.0 mm female interface, specified for operation from DC to 110 GHz.



KEY FEATURES

- DC–110 GHz frequency coverage
- 50 Ω matched termination
- 1.0 mm female coaxial interface
- Passivated stainless-steel body

APPLICATIONS

- Termination of unused RF/mmWave ports
- RF component and interconnect testing
- Broadband coaxial measurement fixtures

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Range	**DC–110 GHz**
Nominal Impedance	**50 Ω**
VSWR (Max.)	**≤1.60:1 (DC–110 GHz)**
Rated Power	**1 W**
Temperature Range	**−55 °C to +125 °C**
Connector Interface	**1.0 mm Female**

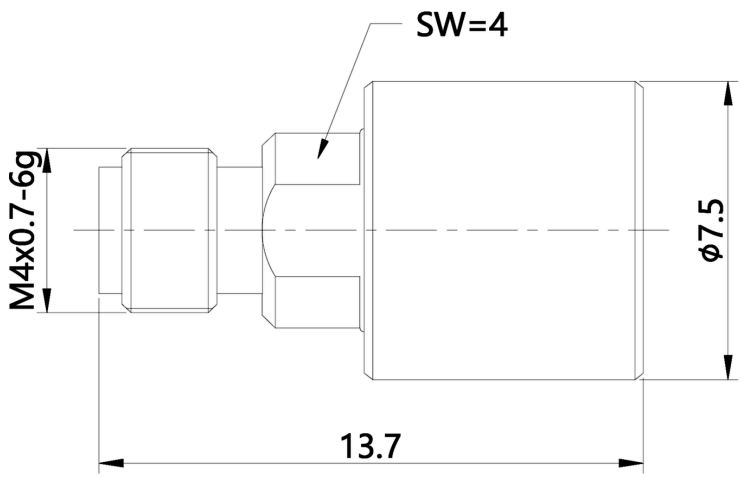
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Mechanical & Material Details

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MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DIMENSIONS	
Overall Length	**13.7 mm**
Body Diameter	**Ø7.5 mm**
Connector Thread	**M4×0.7-6g**
Wrench Flats	**4 mm**
Weight	**5 g**

MATERIALS & FINISH	
Body	**Stainless steel, passivated**
Internal Contact	**Beryllium copper, gold plated**
Outer Conductor	**Brass, gold plated**
Insulator	**PEI**

ORDERING INFORMATION **VST-F-110F0102-110G**

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