

Coaxial Termination

DC-110GHz/1.0mm Female/1W

Model:TT1-110-1.0A-F

The TT1-110-1.0A-F is a well-matched, 50Ω female termination enabling operation from DC to 110 GHz. This termination features a 1W power rating and 1.56:1 max VSWR.

Features:

- Operating Frequency DC to 110 GHz
- High Return Loss
- Instrumentation Grade

Applications:

- laboratory test
- Communication equipment

电气特性 Electrical Characteristics:

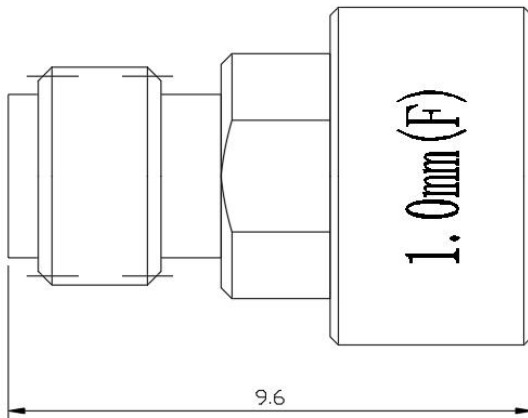
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		110	GHz
驻波 VSWR			1.56	:1
耐功率 Power Handling	≤1Watts Average at 25°C			W
峰值功率 Peak Power	20Watts (5 μSec Pulse Width , 2% Duty Cycle)			W
阻抗 Impedance		50		Ohms

环境和机械特性 Envriionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-55 To +125	°C
存储温度 Storage Temperature	-55 To +125	°C
壳体材质 Body Material	Stainless Steel Passivation	
中心导体 Center Conductor	Gold-plated, Beryllium Bronze	
接口 Connectors	1.0mm Female	
相对湿度 Relative Humidity	0-90%	

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm

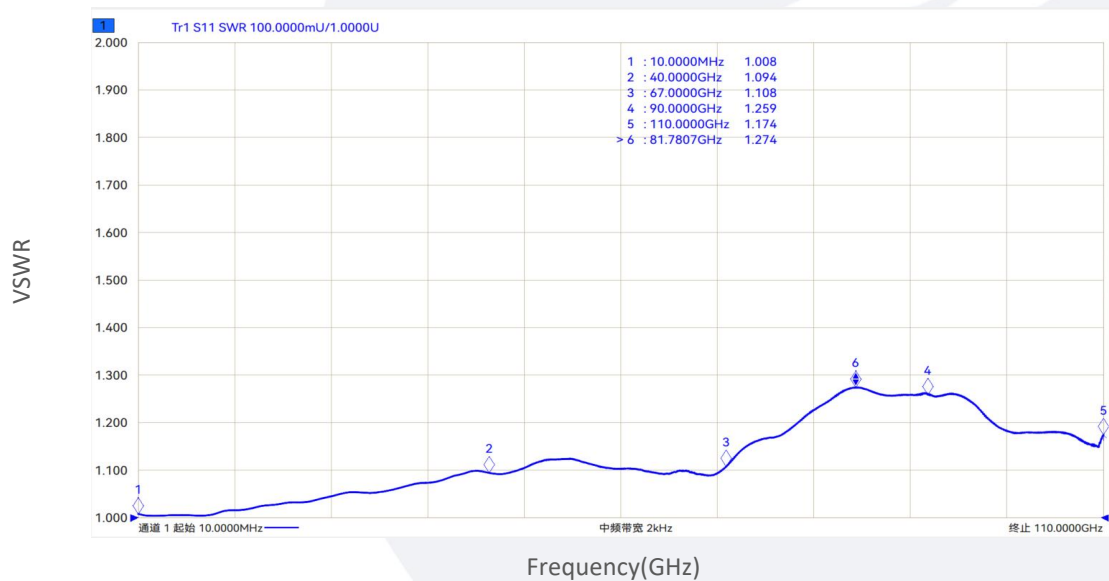


订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TT1-110-1.0A-F	DC-110GHz,1W,1.0mm female Coaxial Termination

典型曲线 Typical Performance Data:

VSWR vs Frequency



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.