

Cryogenic Coaxial Termination

DC-18GHz/SMA Male/1W

Model:TT1-18-SM-Cryo

The TT1-18-SM-Cryo is a well-matched, 50Ω male termination enabling operation from DC to 18 GHz. This termination features a 1W power rating and 1.2:1 maximum VSWR.

Features:

- Frequency range: DC to 18 GHz
- Max Power: 1W
- Capable of operation at 10 mK
- Non-Magnetic
- 50 Ohm Matched Input

Applications:

- laboratory test
- Communication equipment

电气特性 Electrical Characteristics:

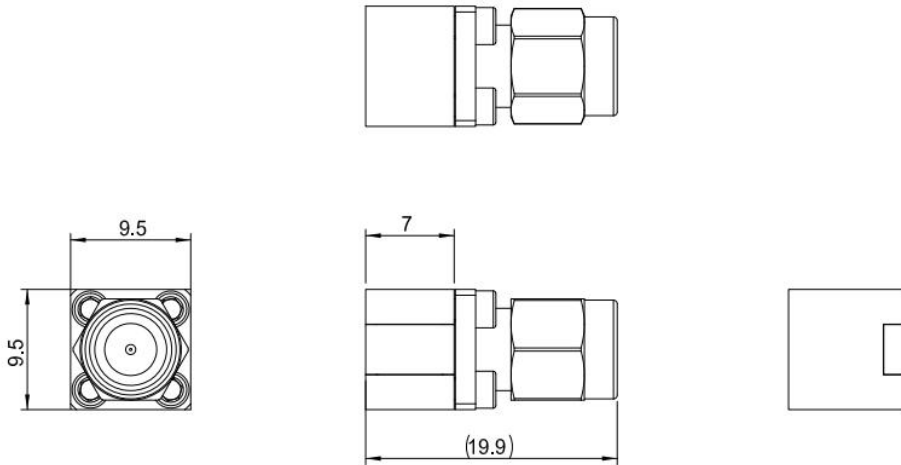
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	DC		18	GHz
驻波 VSWR			1.2	:1
耐功率 Power Handling		1		W
阻抗 Impedance		50		Ohms

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
RF接口 RF Connector	SMA Male	
外壳材质 Case Material	OFHC Copper	
表面 Finish	Gold Plated	
电阻材料 Resistor Material	Proprietary Thin Film	

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



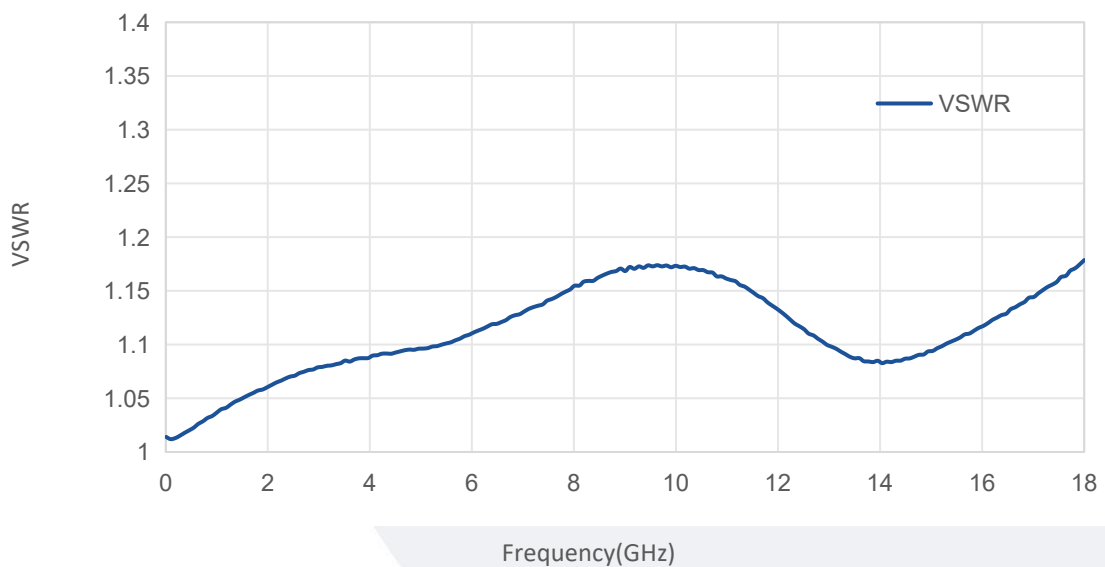
订货信息 Ordering Information:

标准型号 Base Number	描述 Description
TT1-18-SM-Cryo	DC-18GHz,1W,SMA Male Cryogenic Coaxial Termination

典型曲线 Typical Performance Data:

298K:

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.