

**Model:TT2-18-SF-Cryo**
**Cryogenic Coax Termination  
 DC-18GHz,2W,SMA Female, Non-Magnetic**
**Feature:**

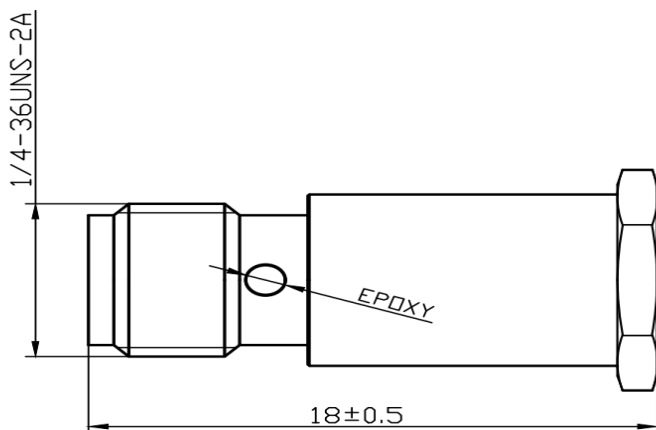
- Frequency: DC to 18 GHz
- Max Power: 2W
- Capable of operation at 10 mK
- Non-Magnetic
- 50 Ohm Matched Input

**电气特性 Electrical:**

参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range	DC-18			GHz
驻波 VSWR			1.35	:1
输入功率 Input Power			2	W
阻抗 Impedance	50			Ohms

**机械特性 Mechanical :**

参数Parameter	指标 Value	单位Units
输入 接口Input Connector	SMA female	
外壳材质 Case Material	OFHC Copper	
表面 Finish	Gold Plated	
电阻材料 Resistor Material	Proprietary Thin Film	

**外形尺寸Outline Drawing:**


**温度环境 Environmental Conditions:**

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	10mK		+85	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity	100% RH at 35c, 95%RH at 40°C			%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

**订货信息 Ordering Information:**

标准型号 Part Number	标准衰减值 Standard dB Values	版本号Revision
TT2-18-SF-Cryo	Cryogenic Coax Termination DC-18GHz,2W,SMA Female, Non-Magnetic	Rev.1.1