

Model:TL-CRYOCULF01-01
**Powder Filter
 Single Channel,SMA**
Feature:

- Capable of operation at 4K
- Minimal self heating, achieves temperature faster.
- 50 Ohm Matched Input / Output

电气特性 Electrical:

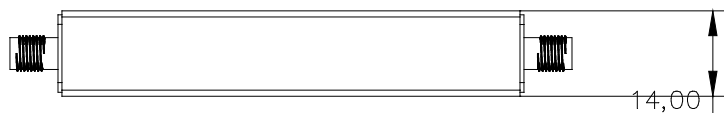
参数Parameter	Min.	Typ.	Max.	单位Units
频率范围 Frequency range		DC-1		MHz
插损 Insertion loss@DC-1MHz		-2		dB
带内回波损耗 Return loss		-25		dB
高频抑制 100MHz-18GHz		-80		dB
阻抗 Impedance		50		Ohms

机械特性 Mechanical :

参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	SMA Male/SMA Female	
外壳材质 Case Material	OFHC Copper	
表面 Finish	Gold Plated	mm
重量 Weight	15	g

外形尺寸 Outline Drawing:

Unit: mm



温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	4K		+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	描述 Description	版本号Revision
TL-CRYOCULF01-01	Powder Filter Single Channel,SMA	Rev.1.1