

Model TURLF-DC12GT2Cryo

Cryogenic Filters
DC-11.5GHz,SMA Male to Female

- Feature:
- Low Insertion Loss
 - Excellent Return Loss
 - High Stop Band Suppression
 - 50 Ohm Matched Input / Output

电气特性 Electrical:

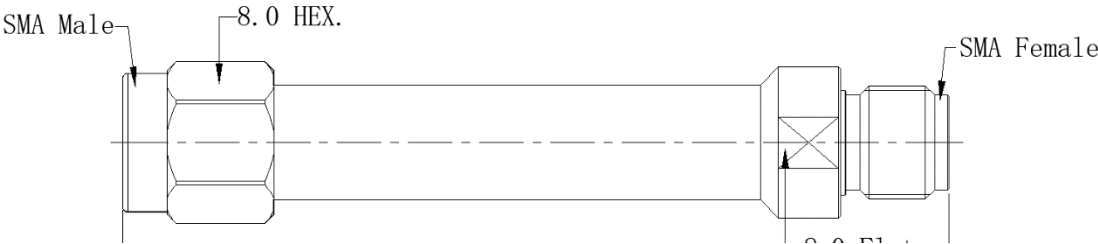
参数Parameter		Min.	Typ.	Max.	单位Units
频率范围 Frequency range		DC-11.5			GHz
带内插损 Passband Insertion Loss			0.5		dB
带内回损 Passband Return loss			-20		dB
带外抑制 Stopband Suppression	@14.4GHz		-25		dB
	@19-34GHz	-40	-55		dB
射频功率 RF Power (W)				2	W
阻抗 Impedance		50			Ohms

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	30	g

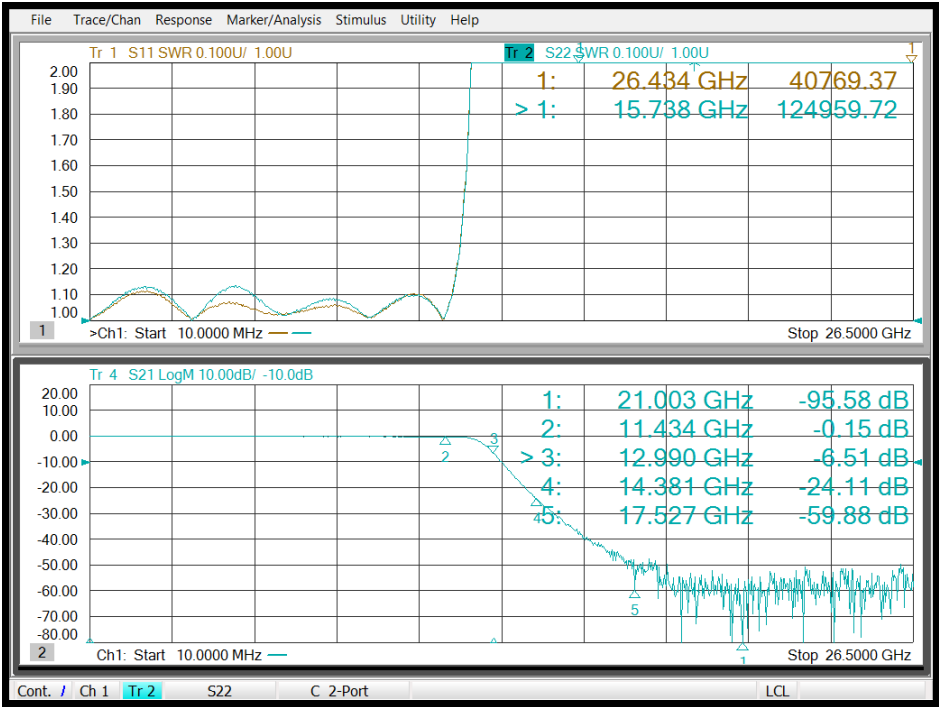
外形尺寸Outline Drawing:

Unit: mm



典型曲线 Typical Performance Data:

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	℃
存储温度 Non-operating Temperature	-55		+125	℃
相对湿度 Relative humidity	100% RH at 35c, 95%RH at 40℃			%
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
TURLF-DC12GT2Cryo	Cryogenic Filters DC-11.5GHz	Rev.1.1