

Cryogenic Low pass Filter

DC-0.5GHz/SMA Male to Female

Model: TLLF-DC-0.5G-T2-Cryo

Features:

- Passband Frequency Range DC to 0.5GHz
- Low Insertion Loss
- Excellent Return Loss
- High Stop Band Suppression

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

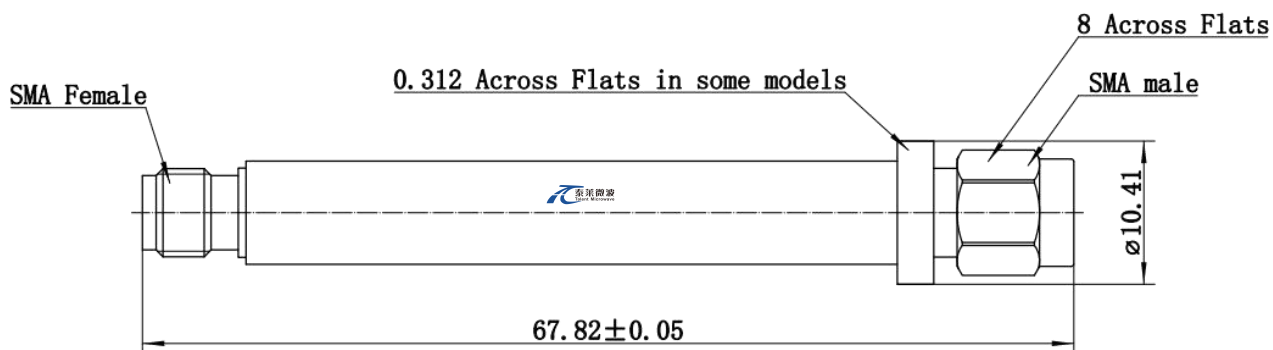
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		DC		0.5	GHz
带外插损 Stopband Insertion Loss	@900MHz	20			dB
	@1.1-2GHz		40		
通带插损 Passband Insertion Loss				1.2	dB
带外驻波 Stopband VSWR			10		:1
带内驻波 Passband VSWR			1.15		:1
射频功率 RF Power (W)				10	W
阻抗 Impedance		50			Ohms

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
输入/输出接口 Input /Output Connector	SMA Male/SMA Female	
外壳材质 Case Material	Stainless steel	
表面 Finish	Gold Plated	mm
重量 Weight	30	g

外形图 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	mK		+100	°C
存储温度 Non-operating Temperature	-55		+85	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	10,000			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 Base Number	描述 Description	版本号 Revision
TLLF-DC-0.5G-T2-Cryo	Coaxial Low pass Filter, Passband frequency range:DC-0.5GHz, Passband Insertion Loss:1.2dB, SMA Male to Female	Rev.1.1