泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
+86-0512-62657975
sales@talentmw.com
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Model:TLLF-DC-0.5G-T2-Cryo

Cryogenic Low Pass Filters DC-0.5 GHz,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 Specifications:

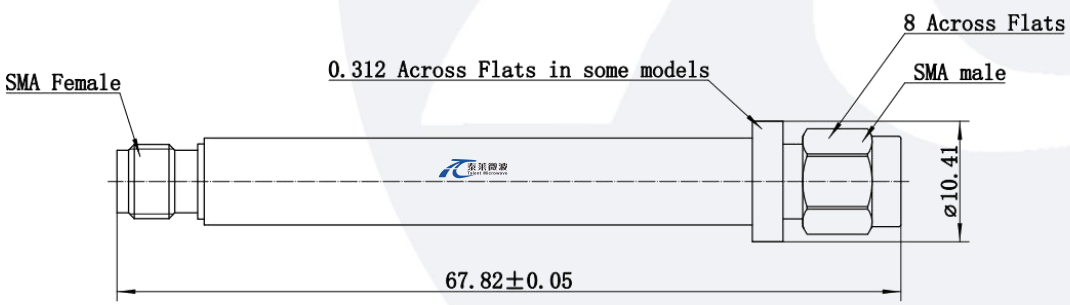
参数Parameter		Min	Typ	Max	单位Units
频率范围 Frequency range		DC-0.5			GHz
带内隔离 Passband Isolation@20GHz			40		dB
带外插损 Stopband Insertion Loss	@0.02 GHz	900			dB
	@0.04GHz	1100	20000		dB
带外驻波 Stopband VSWR			10		:1
带内驻波 Passband VSWR			1.15		:1
射频功率 RF Power (W)				10	W
阻抗 Impedance		50			Ohms

机械特性 Mechanical Specifications:

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	Stainless steel	
表面 Finish	Gold Plated	mm
重量 Weight	30	g

外形尺寸Outline Drawing:

Unit: mm



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温度环境 Environmental Conditions:

参数Parameter	Min	Typ	Max	单位Units
操作温度 Operating Temperature	-55		+100	℃
存储温度 Non-operating Temperature	-55		+100	℃
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
TLLF-DC-0.5G-T2-Cryo	Cryogenic Low Pass Filters DC-0.5 GHz	Rev.1.1