

Coaxial Band-pass Filter

3-5.3GHz/ SMA Female

Model: TLBF-3G-5G3-S

TLBF-3G-5G3-S is a coaxial band-pass filter with a passband frequency from 3 to 5.3 GHz and a rejection frequencies from 7 to 9.8GHz. The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 100 dB.

Features:

- Passband Frequency Range 3 to 5.3GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

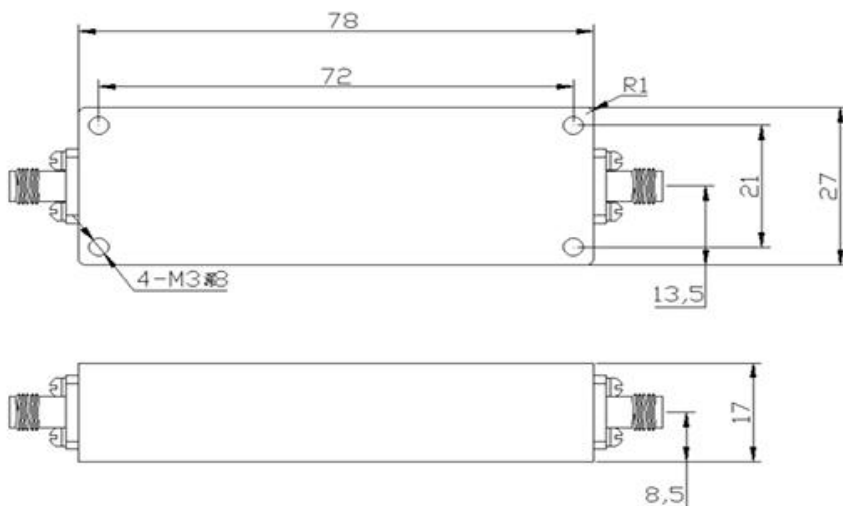
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		3		5.3	GHz
通带插损 Passband Insertion Loss				1.0	dB
带外抑制 Rejection		>100dB@7-9.8GHz			dB
耐受功率 Power Handling				40	W
互调PIM		130			dBc
驻波 VSWR	3-5.3			1.8	:1
	3.5-4.9			1.4	:1
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
操作温度 Operating Temerature	-45 To +70	℃
存储温度 Storage Temerature	-45 to +70	℃
接口 Connectors	SMA Female	

外形图 Outline Drawing: Unit:mm;



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-3G-5G3-S	Coaxial Band-pass Filter, Passband frequency range: 3 to 5.3GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0