泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Coaxial Band-pass Filter

19.95-20.05 GHz/SMA Female

Model: TLBF-20G-100M-E

TLBF-20G-100M-E is a coaxial band-pass filter with a passband frequency from 19.95 to 20.05 GHz and a rejection frequencies from 19.15 GHz to 20.85GHz. The maximum fo insertion loss of the filter is 2.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 19.95 to 20.05 GHz
- 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	19.95		20.05	GHz
带宽 Band Width			0.1	GHz
插损 Insertion Loss(FO)			2.0	dB
带内波动 Pass Band Ripple			1.6	dB
带外抑制 Rejection	>40dB@f0±800MHz			dB
耐受功率 Power Handling			15	W
驻波 VSWR			1.6	:1
阻抗 Impedance	50			Ohms

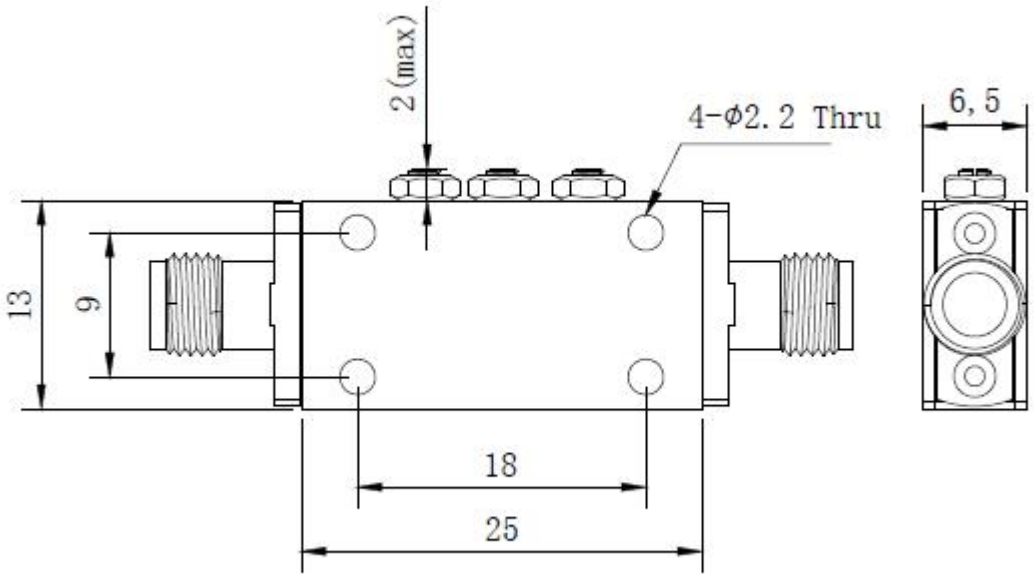
环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +70	℃
接口 Connectors	SMA Female	

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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-20G-100M-E	Coaxial Band-pass Filter,Passband frequency range:19.95-20.05GHz,Insertion Loss(FO):2.0dB, SMA Female	Rev.1.0