泰莱微波 Talent Microwave

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

Coaxial Bandpass Filter

31.45-34.25 GHz/2.92mm

Model: TLBF-31G45-34G25-K

TLBF-31G45-34G25-K is a coaxial bandpass filter with a passband frequency from 31.45 to 34.25 GHz and a center frequency is 32.85 GHz. The nominal insertion loss of the filter is 6.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 31.45 to 34.25 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

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	31.45		34.25	GHz
通带插损 Passband Insertion Loss		6.0		dB
带内波动 Pass Band Ripple		±2		dB
带外抑制 Rejection	40@28.3GHz&35.4GHz			dB
耐受功率 Power Handling		1		W
回波损耗 Return Loss		14		dB
阻抗 Impedance	50			Ohms

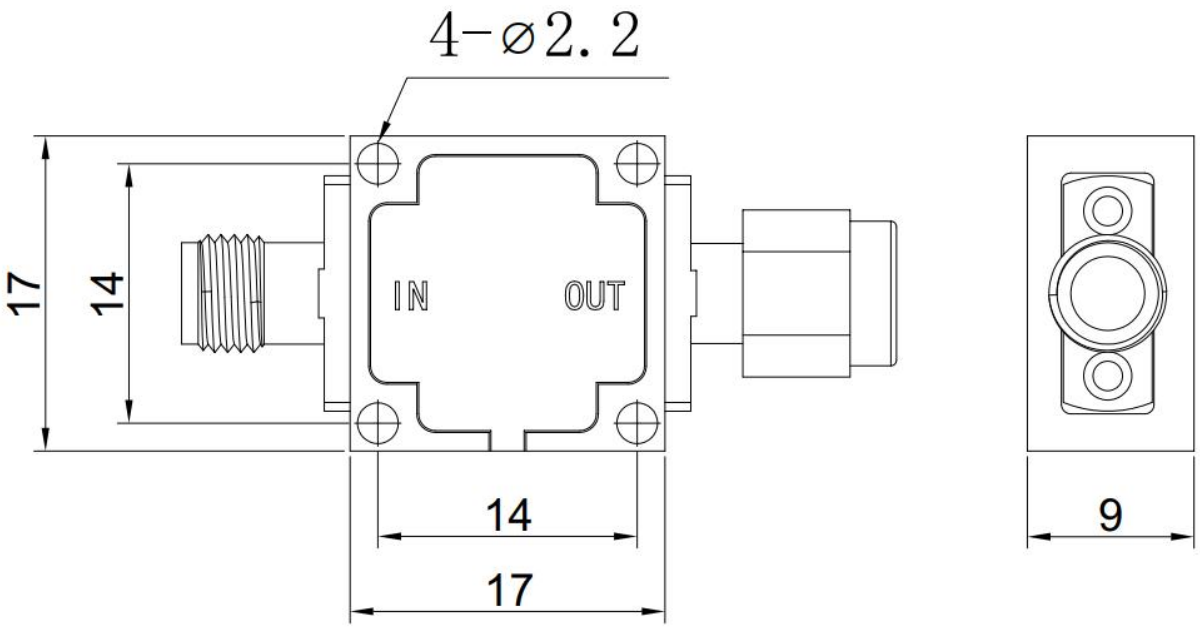
环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-55 To +125	℃
存储温度 Storage Temerature	-65 to +150	℃
尺寸 Size	17*17*9	mm
接口 Connectors	2.92mm Female	

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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-31G45-34G25-K	Coaxial Bandpass Filter,Passband frequency range:31.45-34.25GHz,Passband Insertion Loss:6.0dB, 2.92mm Female	Rev.1.2