

Coaxial Band-pass Filter

1500-2500 MHz/SMA Female

Model: TLBF-1500M-2500M-E

TLBF-1500M-2500M-E is a coaxial band-pass filter with a passband frequency from 1500 to 2500 MHz and a rejection frequencies from DC to 0.5 GHz and from 3.5 to 5 GHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 50 dB.

Features:

- Passband Frequency Range 1500 to 2500 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

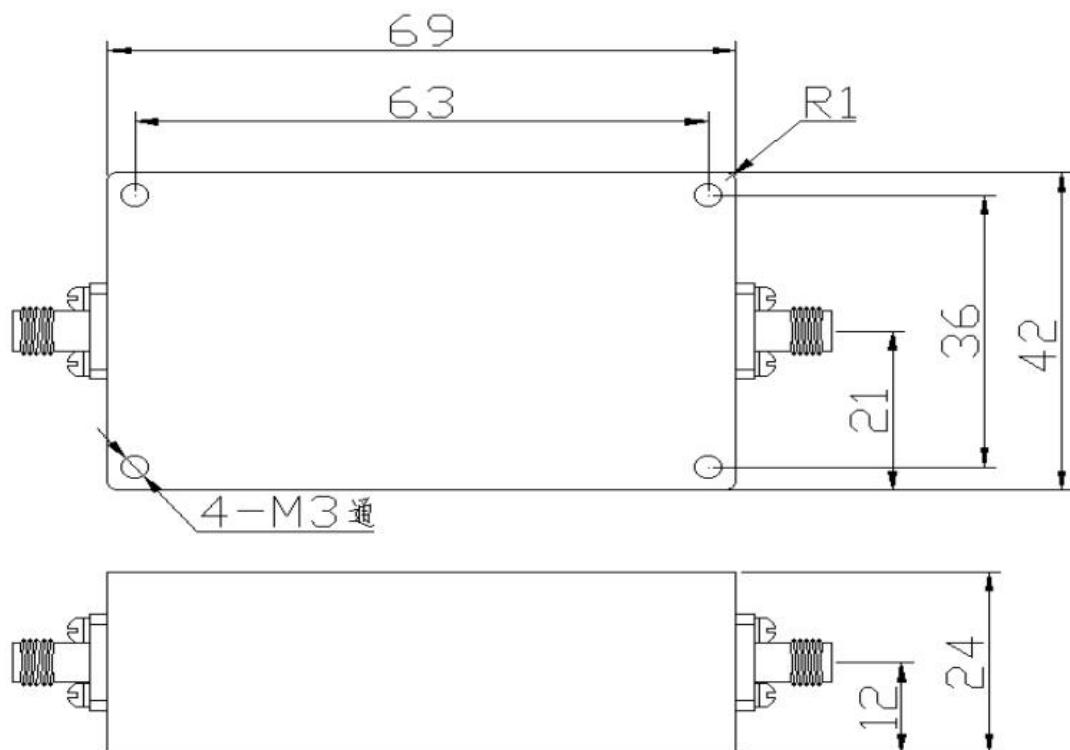
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	1500		2500	MHz
带宽 Band Width			1000	MHz
插损 Insertion Loss(f0)			1.0	dB
驻波 VSWR			1.5	:1
带外抑制 Rejection@DC-0.5GHz&3.5-5GHz	50			dB
耐受功率 Power Handling			50	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
操作温度 Operating Temerature	-30 To +55	°C
接口 Connectors	SMA Female	
尺寸 Size	24*42*69	mm

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-1500M-2500M-E	Coaxial Band-pass Filter, Passband frequency range: 1500-2500MHz, Insertion Loss(f0): 1.0dB, SMA Female	Rev.1.0