

Coaxial Band-pass Filter

542-550 MHz/SMA Female

Model: TLBF-546M-8M-L

TLBF-546M-8M-L is a coaxial band-pass filter with a passband frequency from 542 to 550 MHz and a rejection frequencies at $f_c \pm 60$ MHz. The maximum insertion loss of the filter is 4.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 542 to 550 MHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

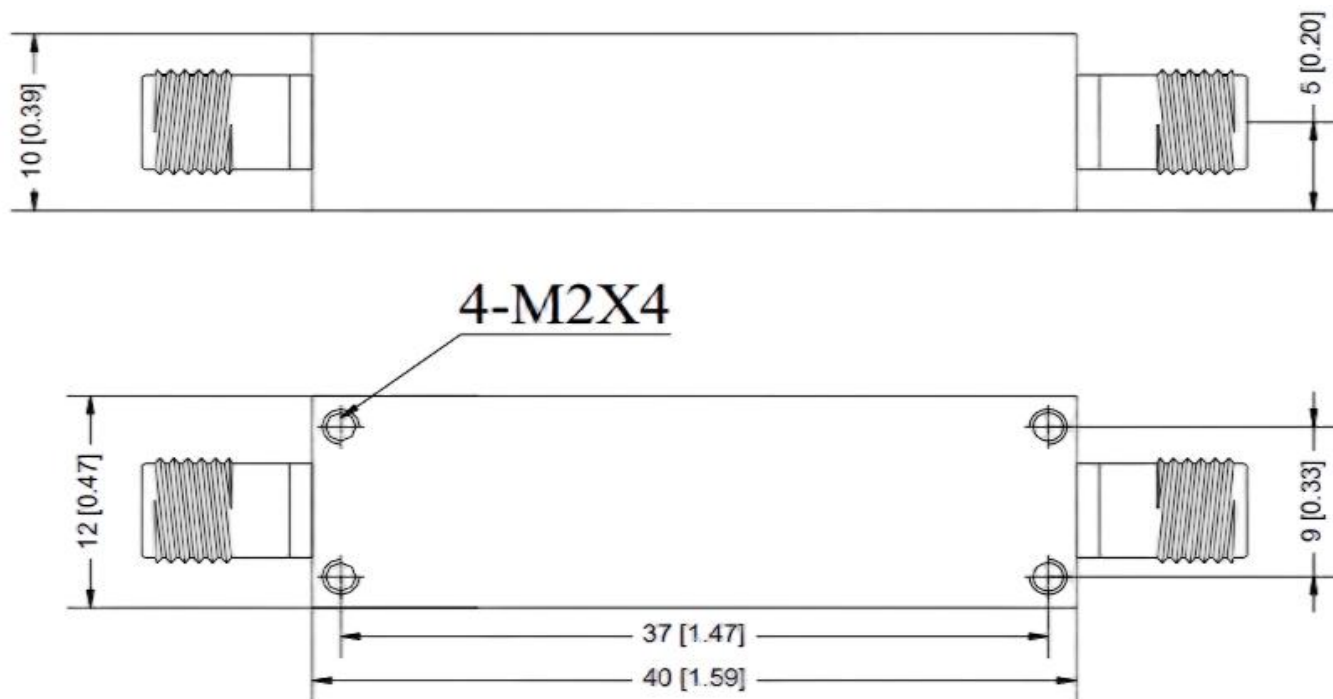
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	542		550	MHz
带宽 Band Width			8	MHz
通带插损 Passband Insertion Loss			4.0	dB
带内纹波 Pass Band Ripple			3.7	dB
驻波 VSWR			1.5	:1
带外抑制 Rejection@ $f_c \pm 60$ MHz	40			dB
耐受功率 Power Handling			5	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	-40 To +70	°C
接口 Connectors	SMA Female	
尺寸 Size	10*12*40	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-546M-8M-L	Coaxial Band-pass Filter, Passband frequency range: 542-550MHz, Passband Insertion Loss: 4.0dB, SMA Female	Rev.1.0