

Coaxial Band-pass Filter

2.38-2.42GHz/ SMA Female

Model: TLBF-2G4-40M-L

TLBF-2G4-40M-L is a coaxial band-pass filter with a passband frequency from 2.38 to 2.42GHz and a rejection frequencies from at 2.12GHz and 2.68GHz. The nominal insertion loss of the filter is 3.5dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 2.38 to 2.42GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

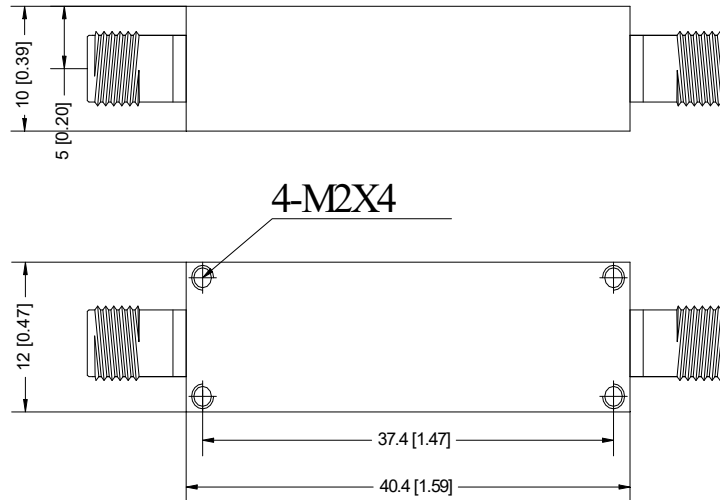
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	2.38		2.42	GHz
通带插损 Passband Insertion Loss			3.5	dB
带内纹波 Pass Band Ripple			2.8	dB
带外抑制 Rejection	>40dB@Fc±260MHz			dB
耐受功率 Power Handling			2	W
输入驻波 Input VSWR			1.6	:1
输出驻波 Output VSWR			1.6	: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 Temperature	-40 To +70	℃
存储温度 Storage Temperature	-40 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
TTLBF-2G4-40M-L	Coaxial Band-pass Filter, Passband frequency range: 2.38 to 2.42 GHz, Passband Insertion Loss: 3.5 dB, SMA Female	Rev. 1.0