

Coaxial Band-pass Filter
5.475-5.525GHz/SMA Female

Model: TLBF-5G5-50M-E

TLBF-5G5-50M-E is a coaxial band-pass filter with a passband frequency from 5.475 to 5.525 GHz and a rejection frequencies from 5.24 GHz to 5.76 GHz. The maximum insertion loss of the filter is 2.4 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 5.475 to 5.525 GHz
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

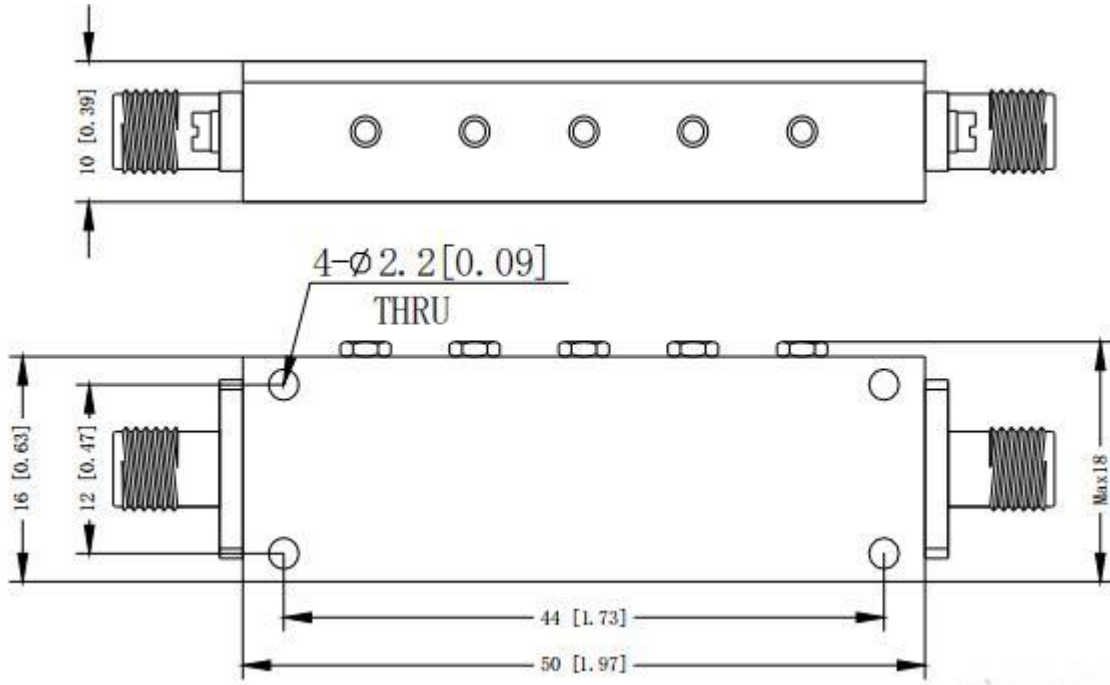
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range	5.475		5.525	GHz
带宽 Band Width			0.05	GHz
带通插损 Psaaband Insertion Loss			2.4	dB
带内波动 Pass Band Ripple			2.2	dB
带外抑制 Rejection	>50dB@F0±260Mhz			
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	

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-5G5-50M-E	Coaxial Band-pass Filter, Passband frequency range: 5.475-5.525GHz, Insertion Loss: 2.4dB, SMA Female	Rev.1.0