

Coaxial Band-stop Filter

Stopband: 15.25-16.25GHz

Model: TLRF-1525M-1625M-E

TLRF-1525M-1625M-E is a coaxial band-stop filter with a stop band frequency from 15.25 to 16.25 GHz and a pass band frequency from DC to 1.485GHz and 1.685 to 4.2GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 50 dB.

Features:

- Stopband Frequency Range 1.525 to 1.625GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

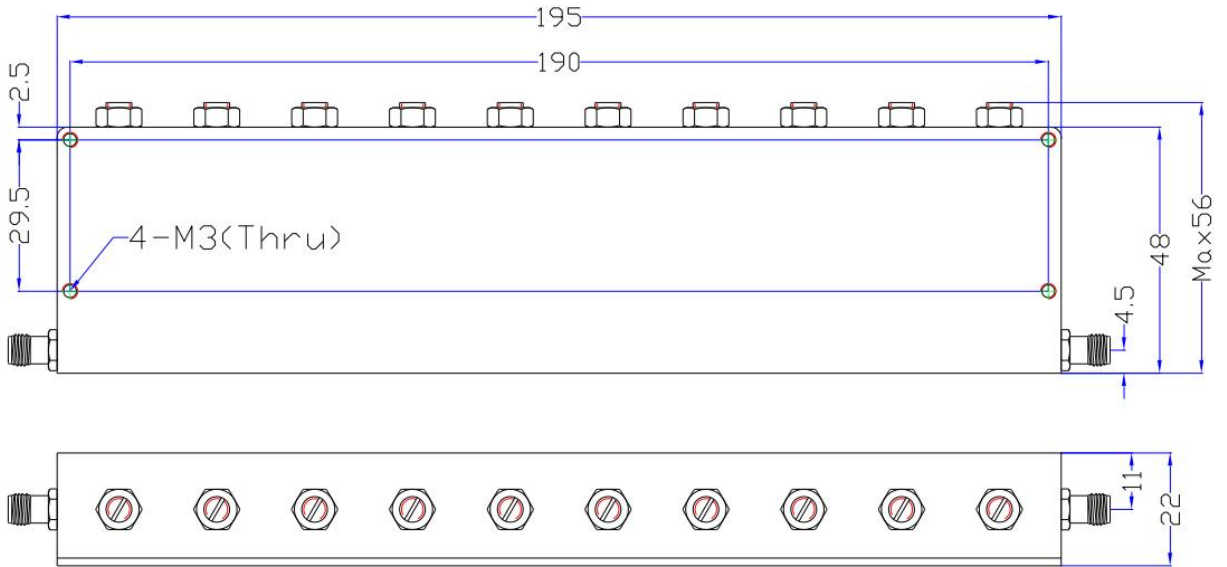
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang		1.525		1.625	GHz
通带频率范围 Passband Frequency range		DC-1.485 & 1.685-4.2			GHz
阻带抑制 Stopband Rejection		50			dB
通带插损 Passband Insertion Loss			1.5	2	dB
通带驻波 Passband VSWR	@0.7-1.485GHz			1.5	:1
	@1.685-4.2GHz			1.5	
	@DC-0.7Hz			1.6	
耐功率 Power Handling				10	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 Temperature	-20 to +60	°C
输入/输出接口 Input /Output Connector	SMA-Female/SMA-Female	
尺寸 Size	195*48*22	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
TLRF-1525M-1625M-E	Coaxial Band-stop Filter, Stopband: 1.525-1.625GHz, Passband: DC-1.485GHz&1.685-4.2GHz, Stopband rejection: 50dB Min	Rev.1.0