

Coaxial Band-stop Filter

Stopband: 4.81-4.95GHz

Model: TLRf-4810M-4590M-E

TLRF-4810M-4590M-E is a coaxial band-stop filter with a stop band frequency from 4.81 to 4.95 GHz and a pass band frequency from DC to 4.76GHz and 5 to 11GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 50 dB.

Features:

- Stopband Frequency Range 4.81 to 4.95GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communication Systems
- Radar Systems
- Sub-assemblies

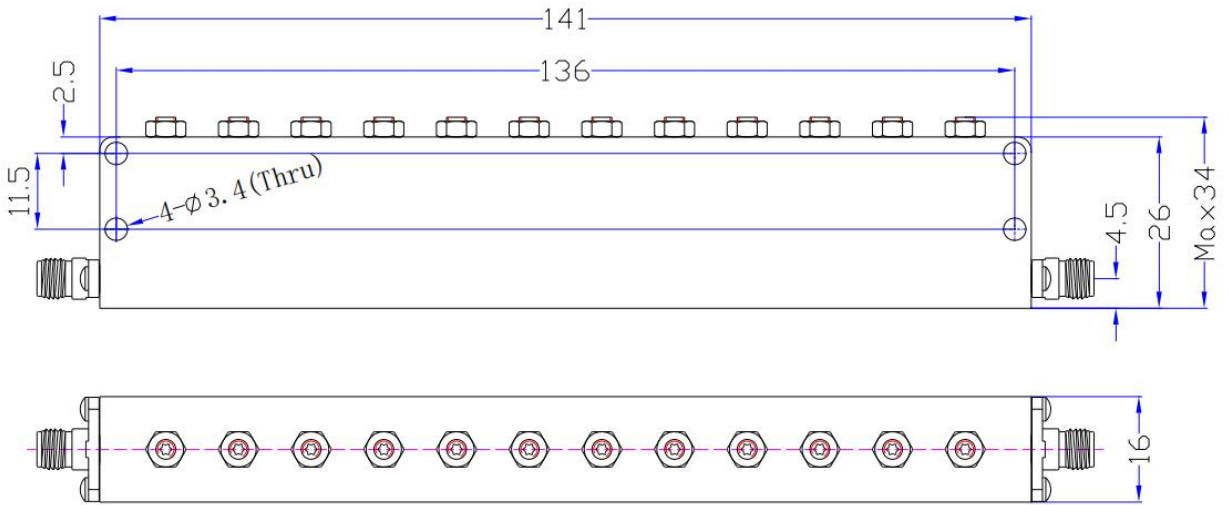
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency range	4.81		4.95	GHz
通带频率范围 Passband Frequency range	DC-4.76 & 5-11			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			1.7	:1
耐功率 Power Handling			20	W
阻抗 Impedance		50		Ohms

环境和机械特性 Environmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-30 to +70	°C
输入/输出接口 Input /Output Connector	SMA-Female/SMA-Female	
尺寸 Size	141*26*16	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-4810M-4590M-E	Coaxial Band-stop Filter, Stopband: 4.81-4.95GHz, Passband: DC-4.76GHz & 5-11GHz, Stopband rejection: 50dB Min	Rev.1.0