

Coaxial Band-stop Filter

Stopband: 5.7-5.8GHz

Model: TLRF-5G7-5G8-S

TLRF-5G7-5G8-S is a coaxial band-stop filter with a stop band frequency from 5.7 to 5.8 GHz and a pass band frequency from DC to 5.62GHz and 5.88 to 11.6GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 55 dB.

Features:

- Stopband Frequency Range 5.7 to 5.8GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

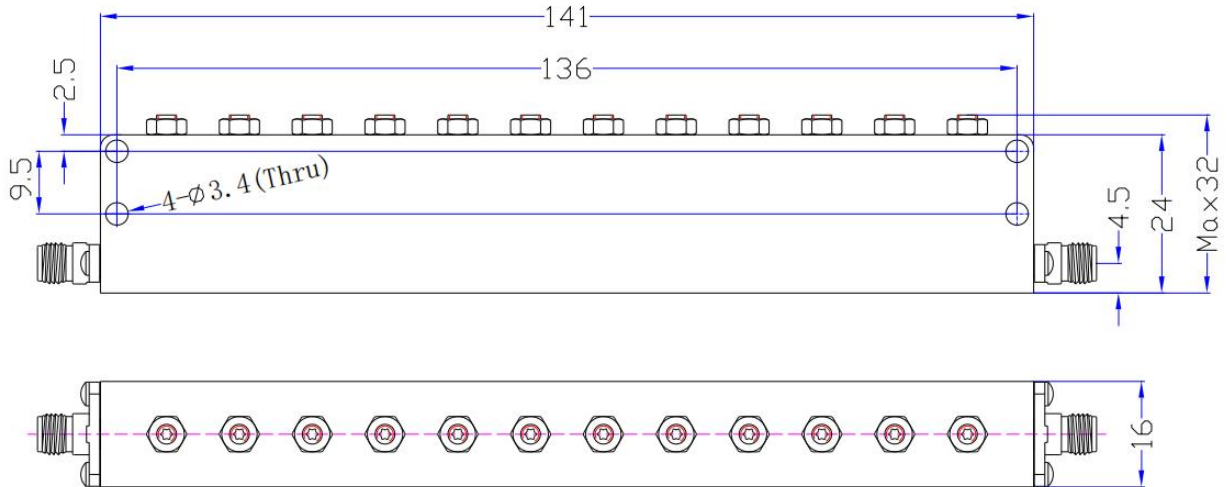
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang	5.7		5.8	GHz
通带频率范围 Passband Frequency range	DC-5.62 & 5.88-11.6			GHz
阻带抑制 Stopband Rejection	55			dB
通带插损 Passband Insertion Loss			2	dB
通带驻波 Passband VSWR			1.7	:1
耐功率 Power Handling			50	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	-30 to +70	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	141*32*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-5G7-5G8-S	Coaxial Band-stop Filter, Stopband: 5.7-5.8GHz, Passband: DC-5.62GHz&5.88-11.6GHz, Stopband rejection: 55dB Min	Rev.1.0