

Coaxial Band-stop Filter

Stopband: 3.95-4.05GHz

Model: TLRF-4G-100M-S

TLRF-4G-100M-S is a coaxial band-stop filter with a stop band frequency from 3.95 to 4.05 GHz and a pass band frequency from DC to 3.8GHz and 4.2 to 9.5GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 40 dB.

Features:

- Stopband Frequency Range 3.95 to 4.05GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

电气特性 Electrical Characteristics:

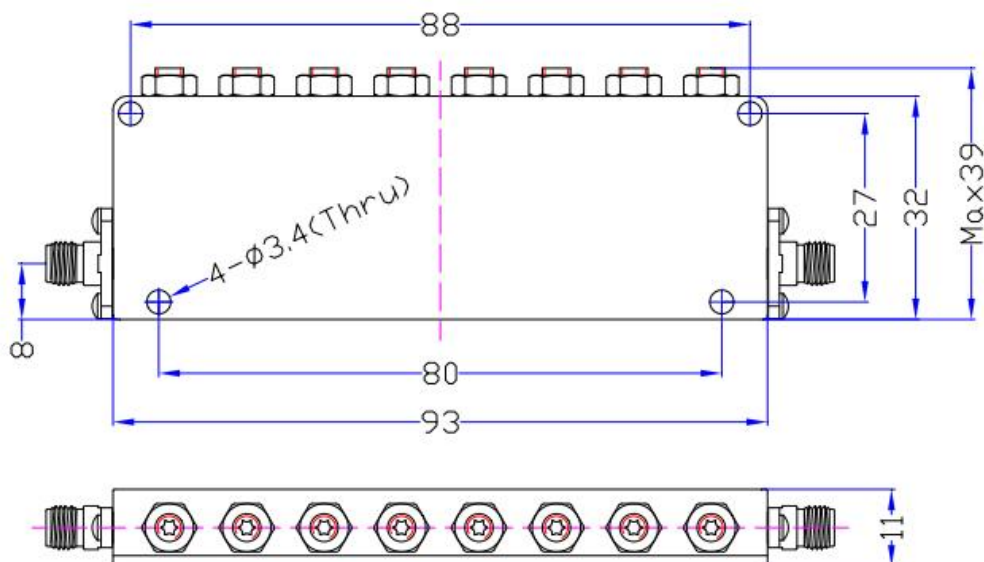
参数 Parameter	Min	Typ	Max	单位 Units
阻带频率范围 Stopband Frequency rang	3.95		4.05	GHz
通带频率范围 Passband Frequency range	DC-3.8 & 4.2-9.5			GHz
阻带抑制 Stopband Rejection	40			dB
通带插损 Passband Insertion Loss		1.5	2	dB
通带驻波 Passband VSWR			1.7	:1
耐功率 Power Handling			10	W
阻抗 Impedance		50		Ohms

环境和机械特性 Envriionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-10 to +50	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	93*32*11	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-4G-100M-S	Coaxial Band-stop Filter, Stopband: 3.95-4.05GHz, Passband: DC-3.8GHz&4.2-9.5GHz, Stopband rejection: 40dB Min	Rev.1.0