

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

Electrical Characteristics:

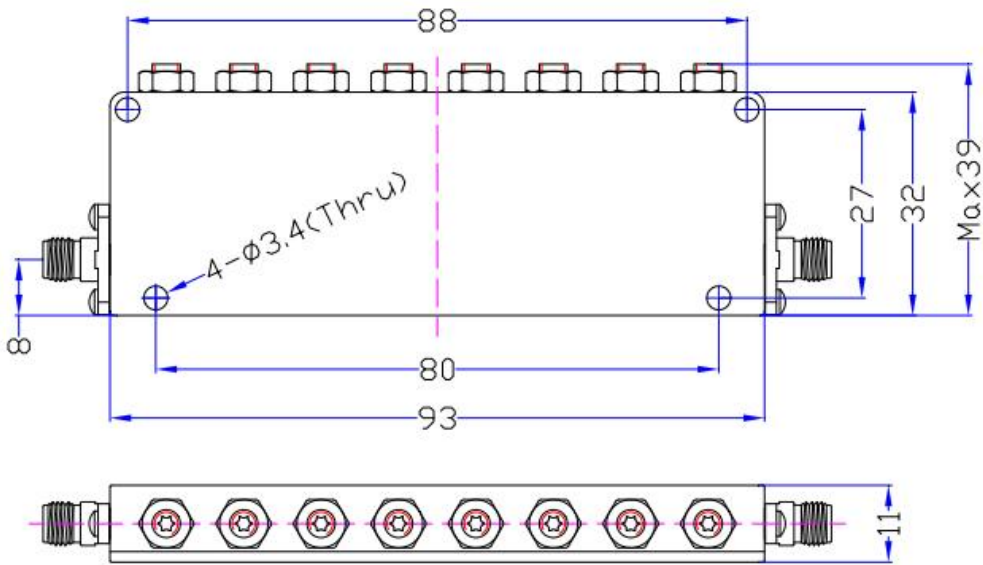
Parameter	Min	Typ	Max	Units
Stopband Frequency rang	3.95		4.05	GHz
Passband Frequency range	DC-3.8 & 4.2-9.5			GHz
Stopband Rejection	40			dB
Passband Insertion Loss		1.5	2	dB
Passband VSWR			1.7	:1
Power Handling			10	W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-10 to +50	°C
Input /Output Connector	SMA Female/SMA Female	
Size	93*32*11	mm

Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	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