

Coaxial Band-stop Filter

Stopband: 27.5-31GHz

Model: TLRf-27G5-31G-2.92

TLRF-27G5-31G-2.92 is a coaxial band-stop filter with a stop band frequency from 27.5 to 31 GHz and a pass band frequency from DC to 22GHz and 36.5 to 42GHz. The maximum insertion loss of the filter is 5 dB and the minimum rejection is 60 dB.

Features:

- Stopband Frequency Range 27.5 to 31GHz
- Lower Cost
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

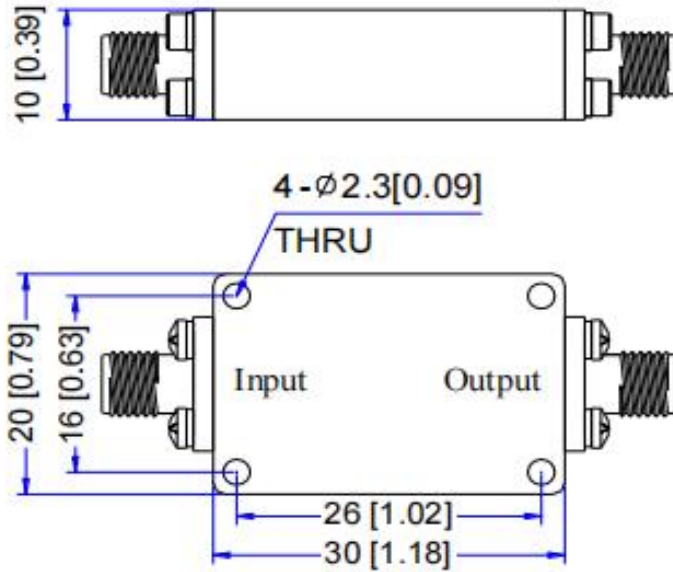
Parameter	Min	Typ	Max	Units
Stopband Frequency rang	27.5		31	GHz
Passband Frequency range	DC-22 & 36.5-42			GHz
Stopband Rejection	60			dB
Passband Insertion Loss		2	5	dB
Passband VSWR		1.6	2	:1
Power Handling		10		W
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-50 to +80	°C
Input /Output Connector	2.92mm Female/2.92mm Female	
Size	30*20*10	mm

Outline Drawing:

Unit:mm

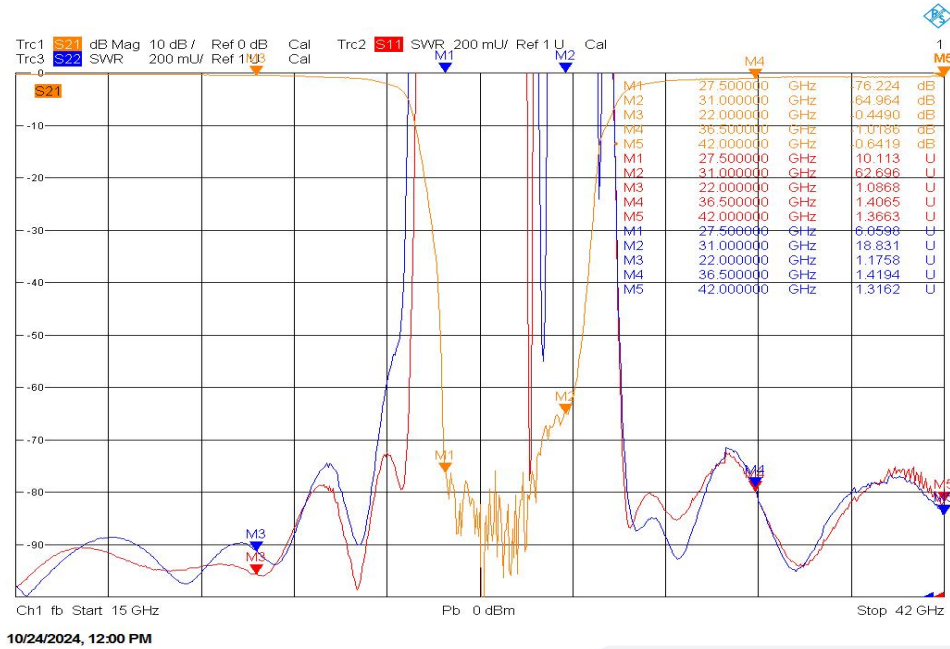


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLRF-27G5-31G-2.92	Coaxial Band-stop Filter, Stopband: 27.5-31GHz, Passband: DC-22GHz&36.5-42GHz, Stopband rejection: 60dB Min	Rev.1.0

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.