

Coaxial Band-stop Filter

Stopband: 5.47-5.725GHz

Model: TLRf-5G47-5G725-S

TLRF-5G47-5G725-S is a coaxial band-stop filter with a stop band frequency from 5.47 to 5.725 GHz and a pass band frequency from DC to 5.25GHz and 5.95 to 12GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 40 dB.

Features:

- Stopband Frequency Range 5.47 to 5.725GHz
- Low Insertion Loss
- Lower Cost
- High Rejection

Applications:

- Communication Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

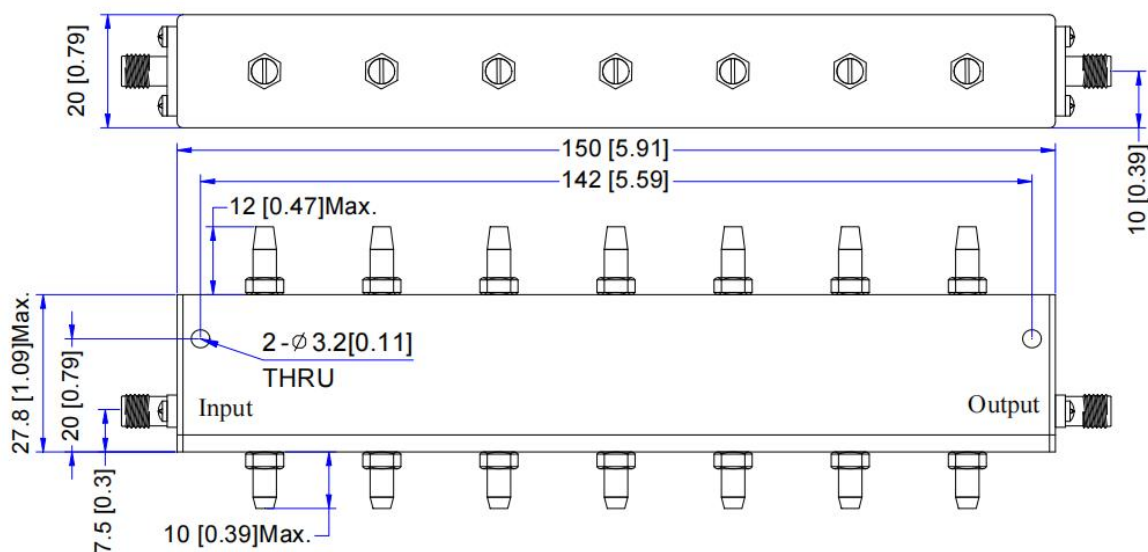
Parameter	Min	Typ	Max	Units
Stopband Frequency range	5.47		5.725	GHz
Passband Frequency range	DC-5.25 & 5.95-12			GHz
Stopband Rejection	40			dB
Passband Insertion Loss			2	dB
Passband VSWR			1.7	:1
Power Handling		10		W
Impedance		50		Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	0 to +40	°C
Input /Output Connector	SMA Female/SMA Female	
Size	150*27.8*20	mm

Outline Drawing:

Unit:mm

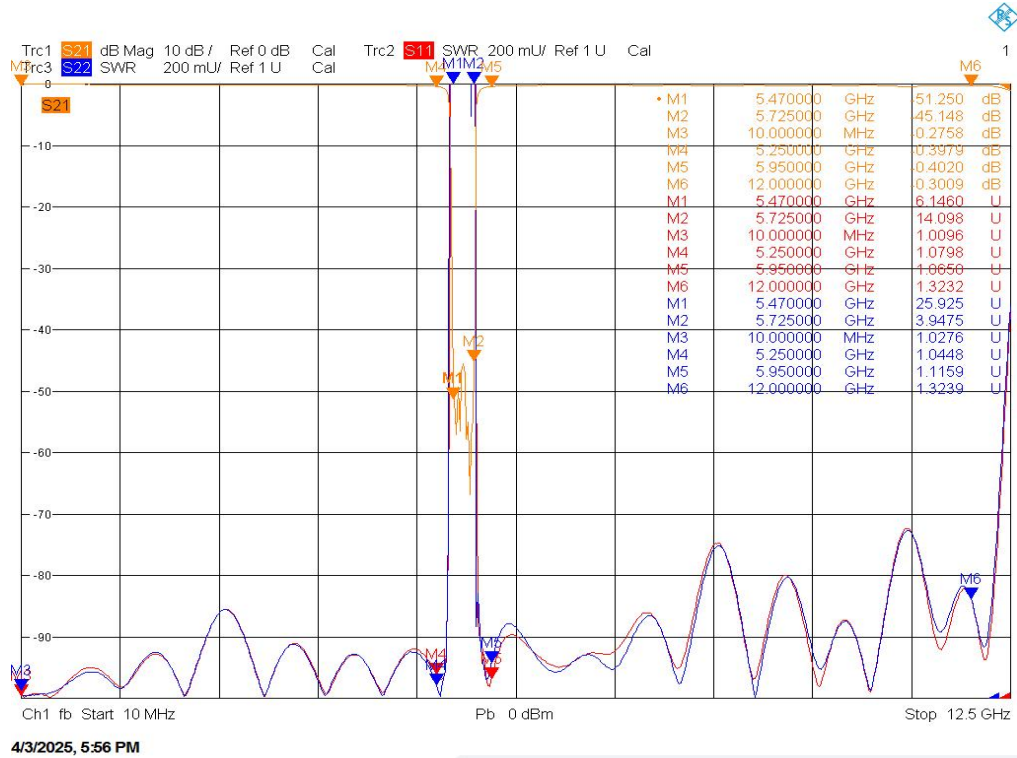


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLRF-5G47-5G725-S	Coaxial Band-stop Filter, Stopband: 5.47-5.725GHz, Passband: DC-5.25GHz&5.95-12GHz, Stopband rejection: 40dB 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.