

Coaxial Low-pass Filter

DC-1 GHz/SMA Female

Model: TLLF-DC-1G-L

TLLF-DC-1G-L is a coaxial low-pass filter with a passband frequency from DC to 1 GHz and a rejection frequency @1240 MHz. The maximum insertion loss of the filter is 1.5 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range DC to 1GHz
- Low Insertion Loss

Applications:

- Instrumentations
- Test Labs
- Sub-assemblies

Electrical Characteristics:

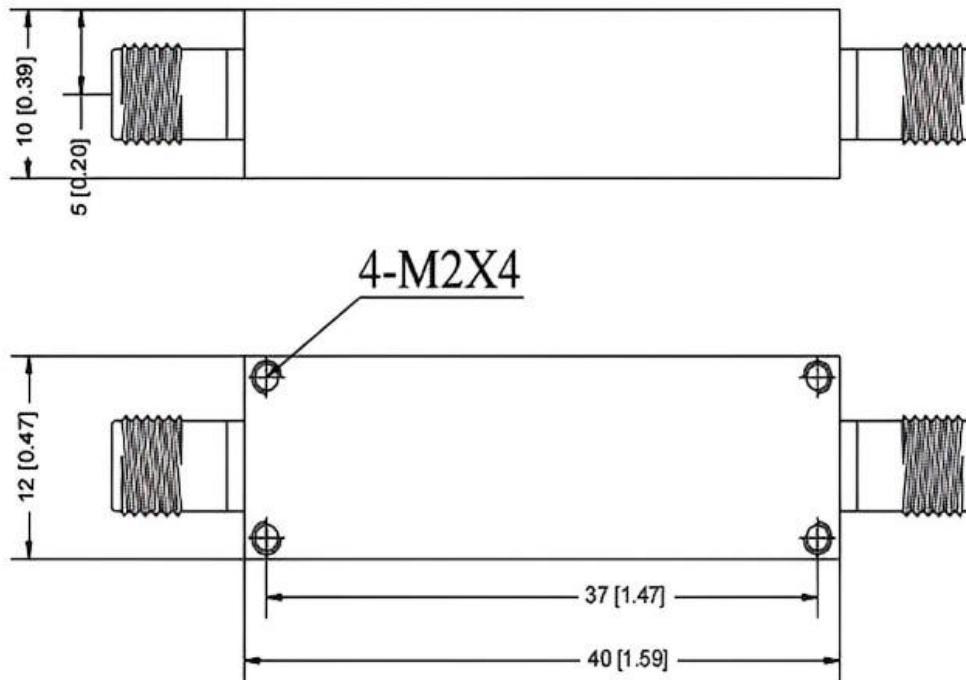
Parameter	Min	Typ	Max	Units
Passband Frequency range	DC		1	GHz
Passband Insertion Loss			1.5	dB
Pass band Ripple			1.3	dB
Rejection	>40dB@1240Mhz			
Power Handling			2	W
VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	40*12*10	mm

Outline Drawing:

Unit:mm



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

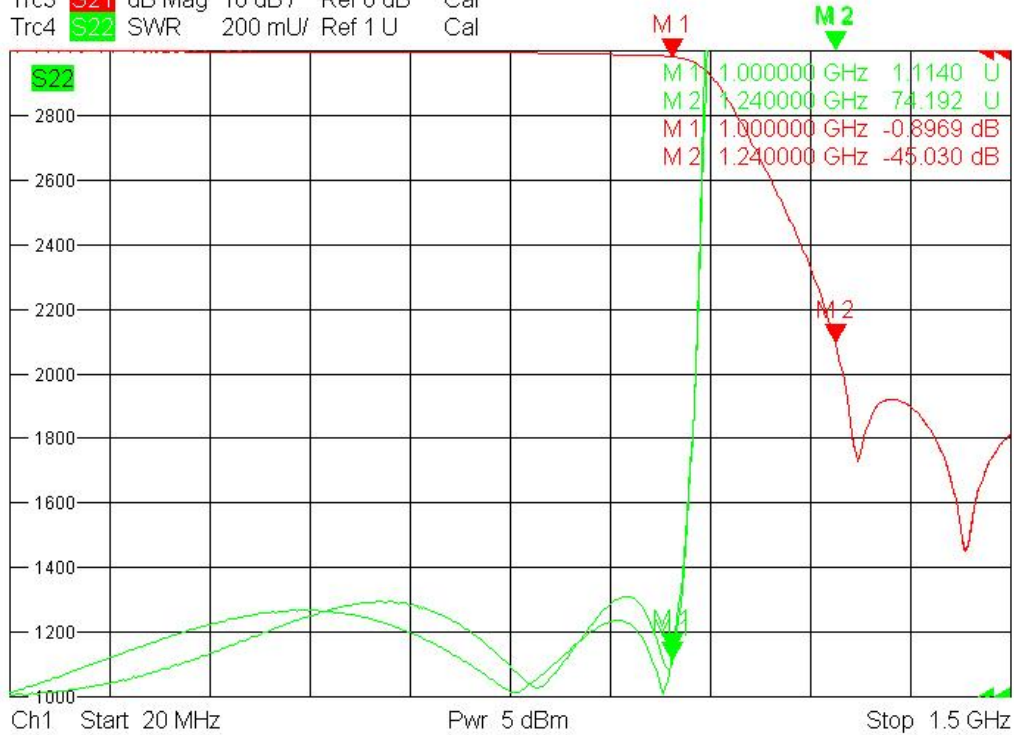
Ordering Information:

Base Number	Description	Revision
TLLF-DC-1G-L	Coaxial Low-pass Filter, Passband frequency range: DC-1GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0

Typical Performance Data:

Trc1 **S11** SWR 200 mU/ Ref 1 U Cal
Trc2 **S12** dB Mag 10 dB / Ref 0 dB Cal
Trc3 **S21** dB Mag 10 dB / Ref 0 dB Cal
Trc4 **S22** SWR 200 mU/ Ref 1 U Cal

1 of 1 (Max)



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.