

Coaxial Band-pass Filter

2.25-3.75 GHz/SMA Female

Model: TLBF-3G-1G5-E

TLBF-3G-1G5-E is a coaxial band-pass filter with a passband frequency from 2.25 to 3.75 GHz and a rejection frequencies from DC-1.9 MHz and 4.1 GHz. The maximum fo insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 2.25 to 3.75 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

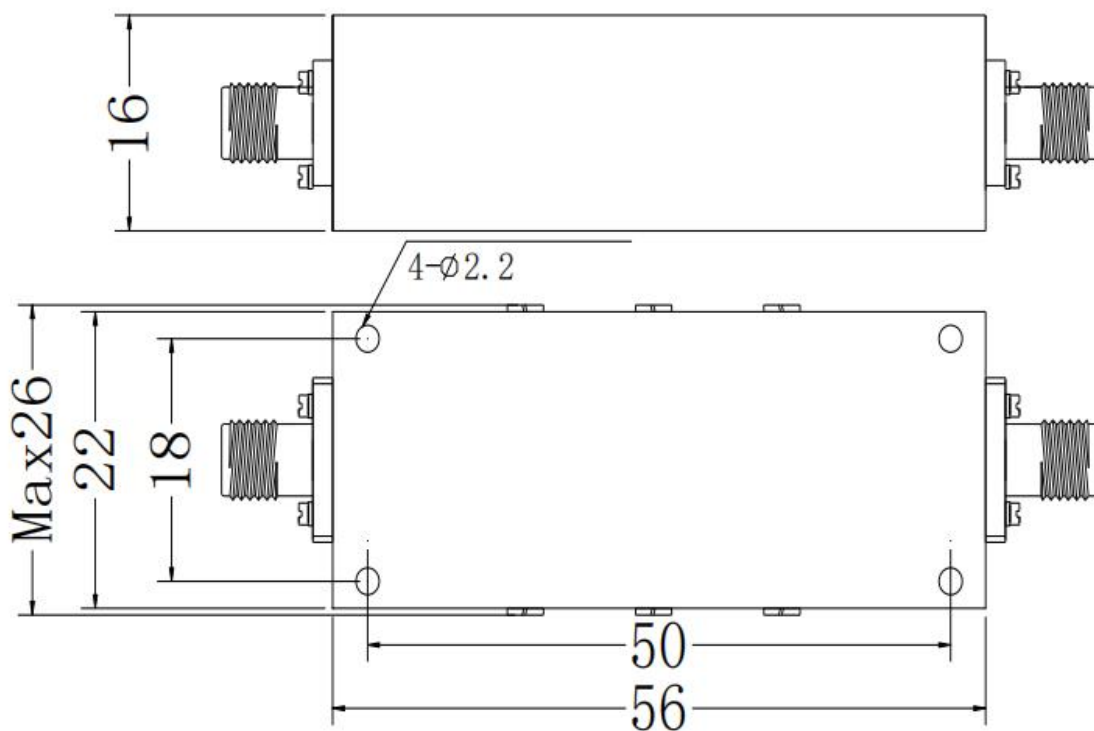
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.25		3.75	GHz
Band Width			1.5	GHz
Insertion Loss(fo)			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>40dB@DC-1.900MHz 4100MHz			
Power Handling			20	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
操作温度 Operating Temperature	-40 To +70	°C
接口 Connectors	SMA Female	

Outline Drawing:

Unit:mm

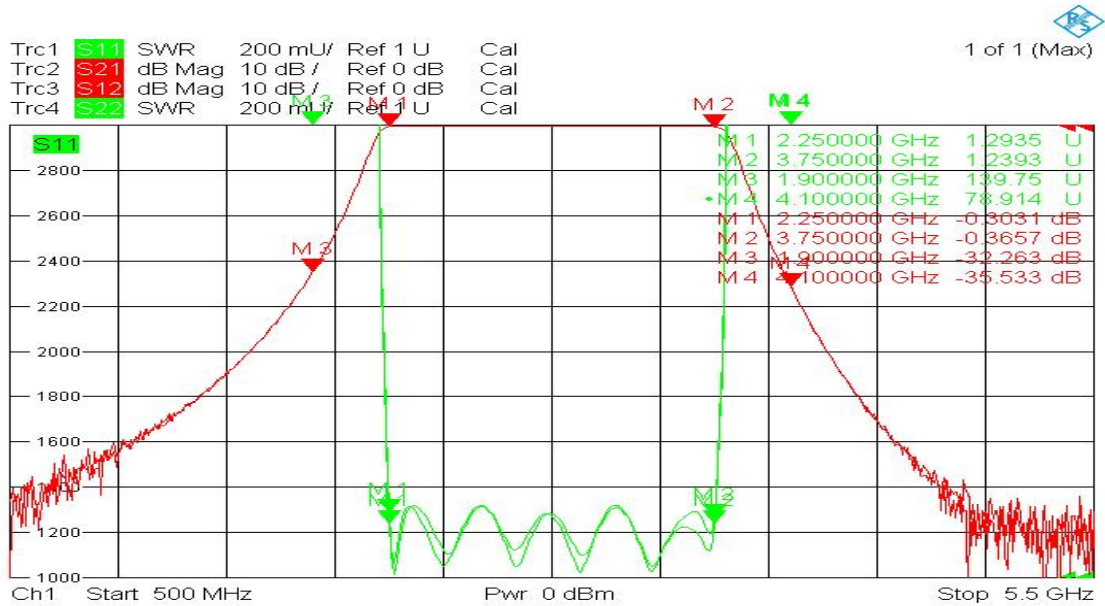


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-3G-1G5-E	Coaxial Band-pass Filter, Passband frequency range: 2.25-3.75GHz, fo Insertion Loss: 1.0dB, SMA Female	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.