

Coaxial Band-pass Filter

2.48-2.5GHz/ SMA Female

Model: TLBF-2G49-20M-E

TLBF-2G49-20M-E is a coaxial band-pass filter with a passband frequency from 2.48 to 2.5GHz and a rejection frequencies at 2.38GHz and at 2.6GHz. The nominal insertion loss of the filter is 1.0dB and the typical rejection is 80 dB.

Features:

- Passband Frequency Range 2.48 to 2.5GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

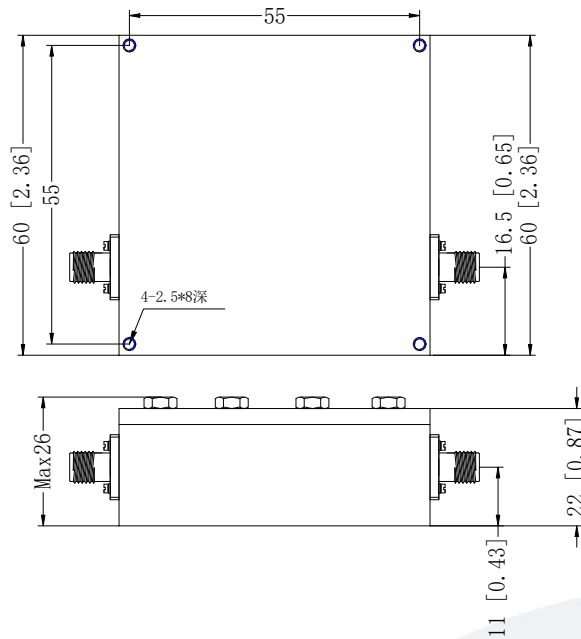
Parameter	Min	Typ	Max	单位Units
Passband Frequency range	2.48		2.5	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>80dB@fc(边频)±100MHz			dB
Power Handling			15	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm;

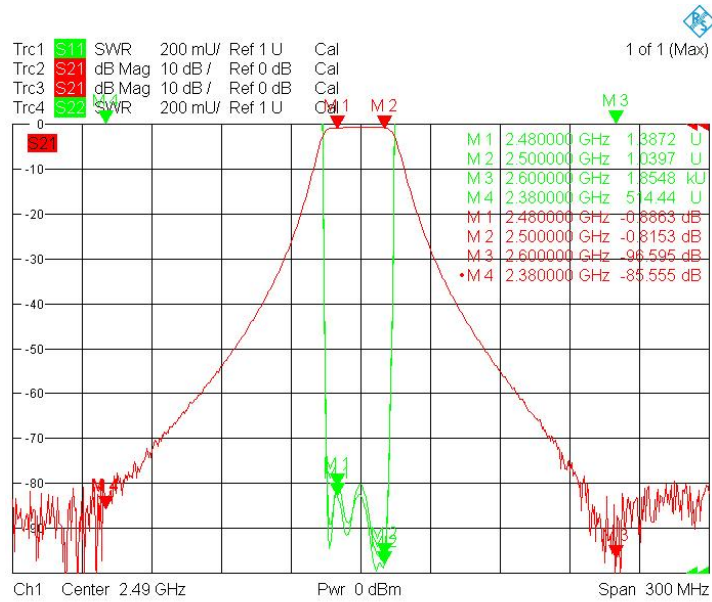


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G49-20M-E	Coaxial Band-pass Filter,Passband frequency range:2.48 to 2.5GHz ,Passband 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.