

Coaxial Band-pass Filter

2.49-2.51GHz/ SMA Female

Model: TLBF-2G5-20M-E

TLBF-2G5-20M-E is a coaxial band-pass filter with a with a passband frequency from 2.49 to 2.51GHz and a rejection frequencies at 2.43GHz and 2.57GHz. The nominal insertion loss of the filter is 1.3dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 2.49 to 2.51GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

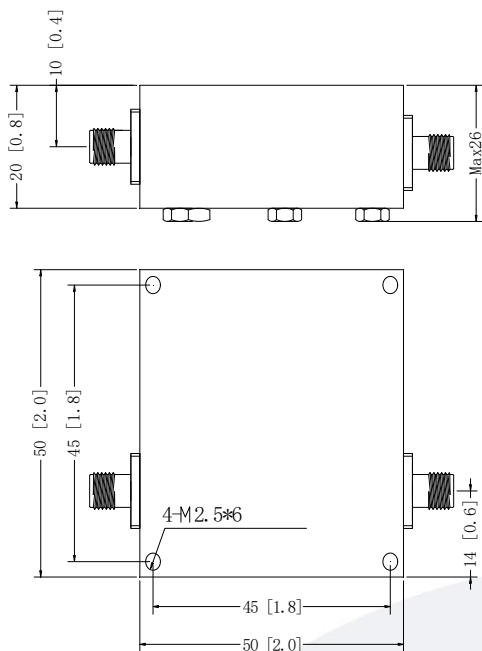
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.49	2.5	2.51	GHz
Insertion Loss (fo)			1.3	dB
Pass Band Ripple			1.0	dB
Rejection	>30dB@fo±70MHz			dB
Power Handling			10	W
Input VSWR			1.4	:1
Output VSWR			1.4	:1
Impedance	50			Ohms

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;

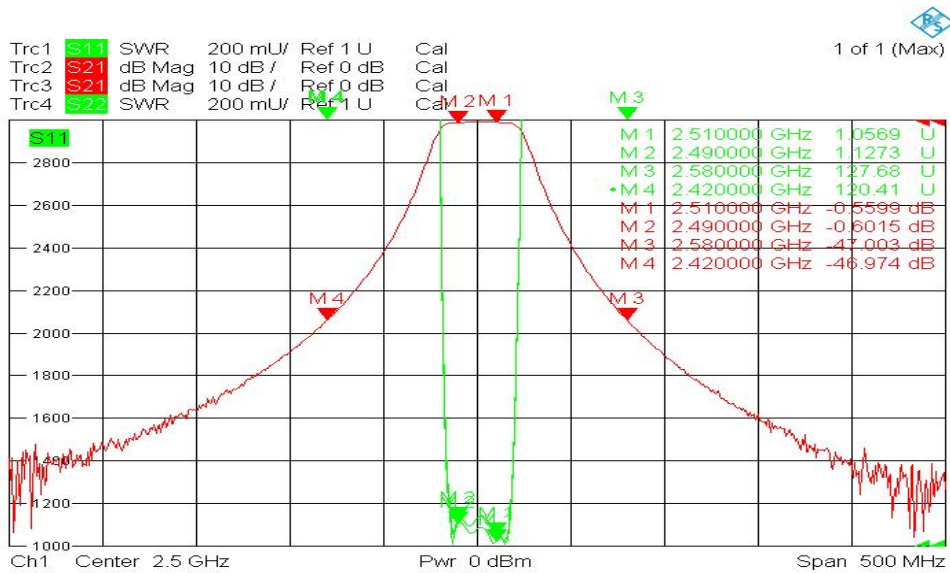


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G5-20M-E	Coaxial Band-pass Filter, Passband frequency range:2.49 to 2.51GHz, Insertion Loss (fo): 1.3dB, 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.