

Coaxial Band-pass Filter

2.55-3.05GHz/ SMA Female

Model: TLBF-2G8-500M-E

TLBF-2G8-500M-E is a coaxial band-pass filter with a passband frequency from 2.55 to 3.05GHz and a rejection frequencies from 0 to 1.1GHz and 5.04GHz. The nominal insertion loss of the filter is 0.8dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 2.55 to 3.05GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

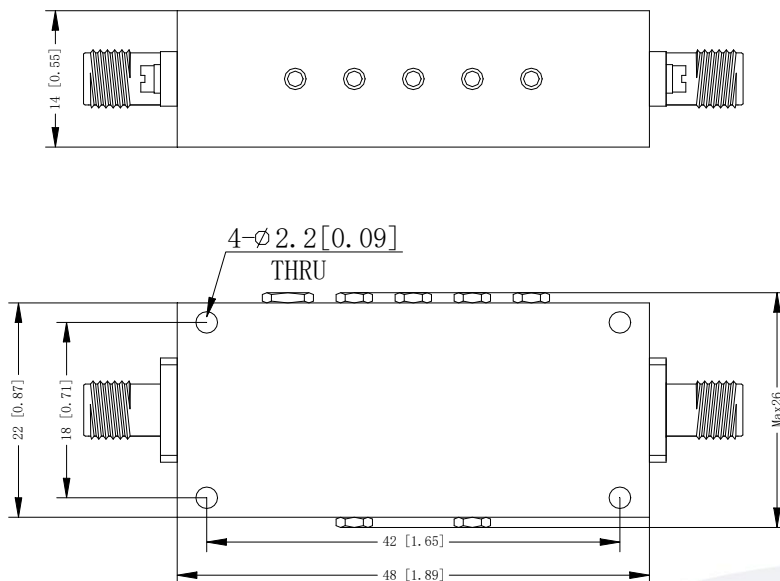
Parameter	Min	Typ	Max	单位Units
Passband Frequency range	2.55		3.05	GHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple			0.7	dB
Rejection	≥50dB@DC-1100MHz 5040MHz			dB
Power Handling			15	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

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;

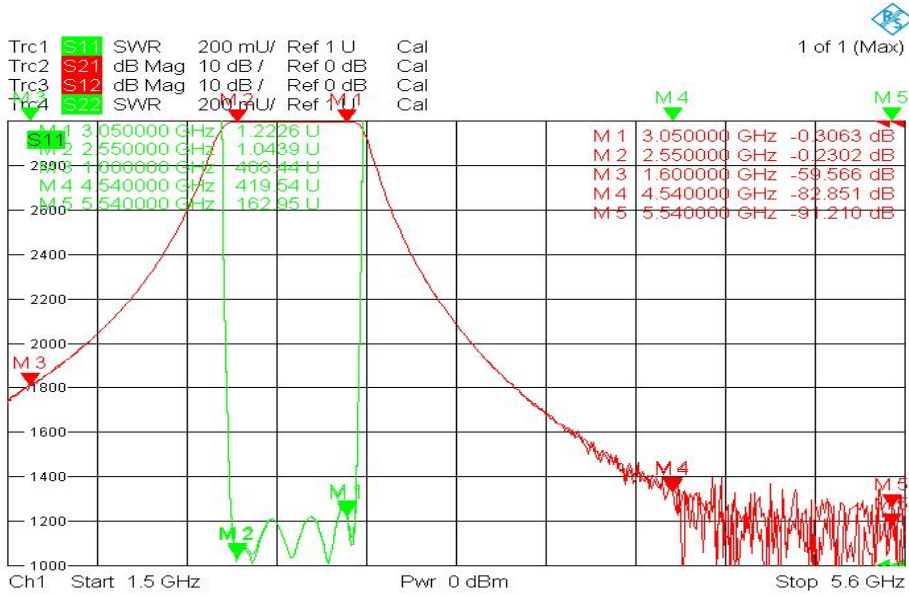


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G8-500M-E	Coaxial Band-pass Filter, Passband frequency range: 2.55 to 3.05GHz, Passband Insertion Loss: 0.8dB, 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.