

Coaxial Band-pass Filter

8.7-8.9GHz/ SMA Female

Model: TLBF-8G8-200M-E

TLBF-8G8-200M-E is a coaxial band-pass filter with a passband frequency from 8.7 to 8.9 GHz and a rejection frequencies at 8.3 GHz and 9.3GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range: 8.7 to 8.9 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

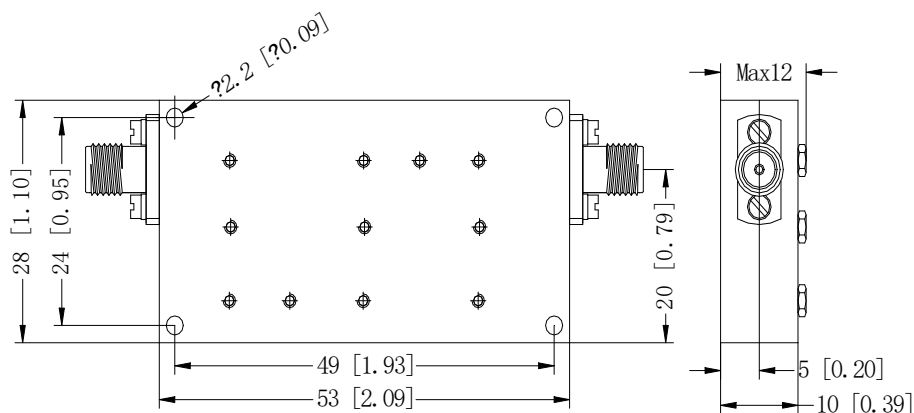
Parameter	Min	Typ	Max	Units
Passband Frequency range	8.7		8.9	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
Rejection	>40dB@fc±400MHz			dB
Power Handling			50	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

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-8G8-200M-E	Coaxial Band-pass Filter, Passband frequency range: 8.7 to 8.9 GHz, Passband Insertion Loss: 2.0dB, SMA Female	Rev.1.0