

Coaxial Band-pass Filter

2300-2400 MHz/SMA Female

Model: TLBF-2G35-100M-E

TLBF-2G35-100M-E is a coaxial band-pass filter with a passband frequency from 2300 to 2400 MHz and a rejection frequencies from DC to 2220 and from 2480 to 5000 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 2300 to 2400 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

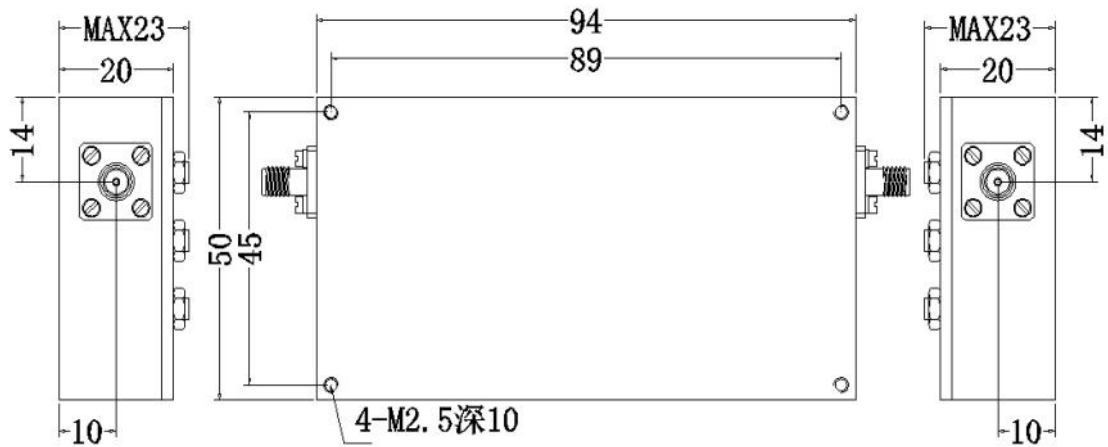
Parameter	Min	Typ	Max	Units
Passband Frequency range	2300		2400	MHz
Band Width			100	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
VSWR			1.3	:1
Rejection@DC-2220MHz&2480-5000MHz	70			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	23*50*94	mm

Outline Drawing:

Unit:mm

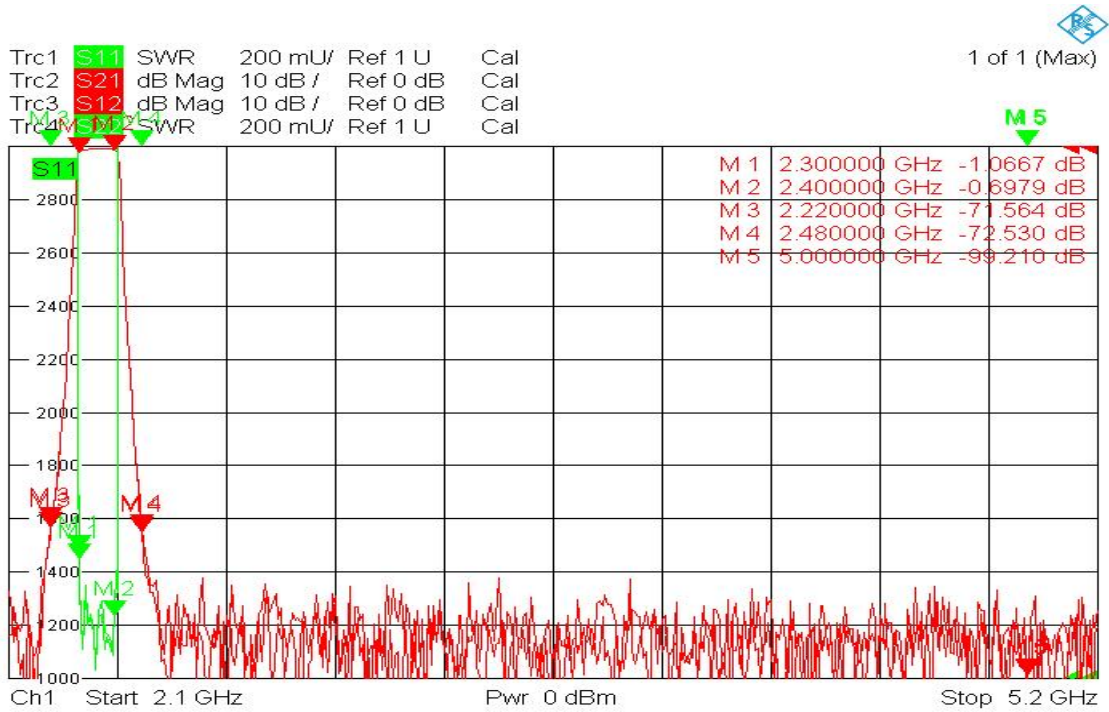


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G35-100M-E	Coaxial Band-pass Filter, Passband frequency range: 2300-2400MHz, 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.