

Coaxial Band-pass Filter

1.08-1.3 GHz/SMA Female

Model: TLBF-1G08-1G3-E

TLBF-1G08-1G3-E is a coaxial band-pass filter with a passband frequency from 1.08 to 1.3 GHz and a rejection frequencies from DC to 950 MHz and from 1450 to 2450 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 45 dB.

Features:

- Passband Frequency Range 1.08 to 1.3 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

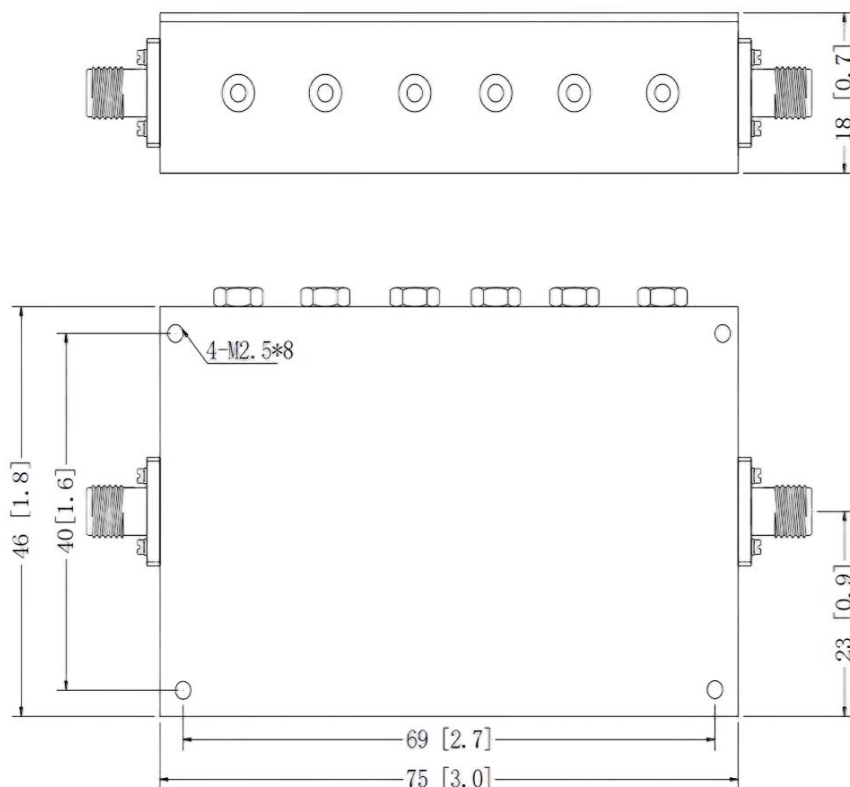
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.08		1.3	GHz
Band Width			220	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.6	dB
VSWR			1.5	:1
Rejection@DC-950MHz& 1450-2450MHz	45			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	18*46*75	mm

Outline Drawing:

Unit:mm

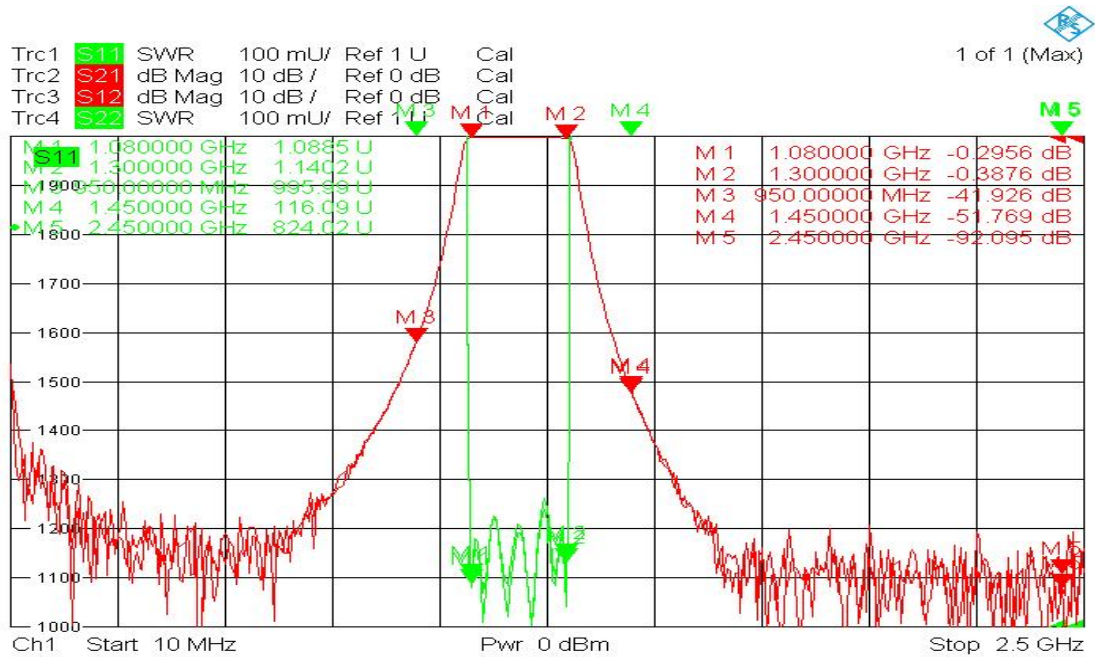


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G08-1G3-E	Coaxial Band-pass Filter, Passband frequency range: 1.08-1.3GHz, 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.