

Coaxial Band-pass Filter

Center Frequency 1.5 GHz/SMA Female

Model: TLBF-1G5-200M-E

TLBF-1G5-200M-E is a coaxial band-pass filter with a passband center frequency at 1.5 GHz and a rejection frequencies from DC to 1250 MHz and point at 1750 MHz. The maximum insertion loss of the filter is 0.8 dB and the minimum rejection is 40 dB.

Features:

- Passband Center Frequency 1.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

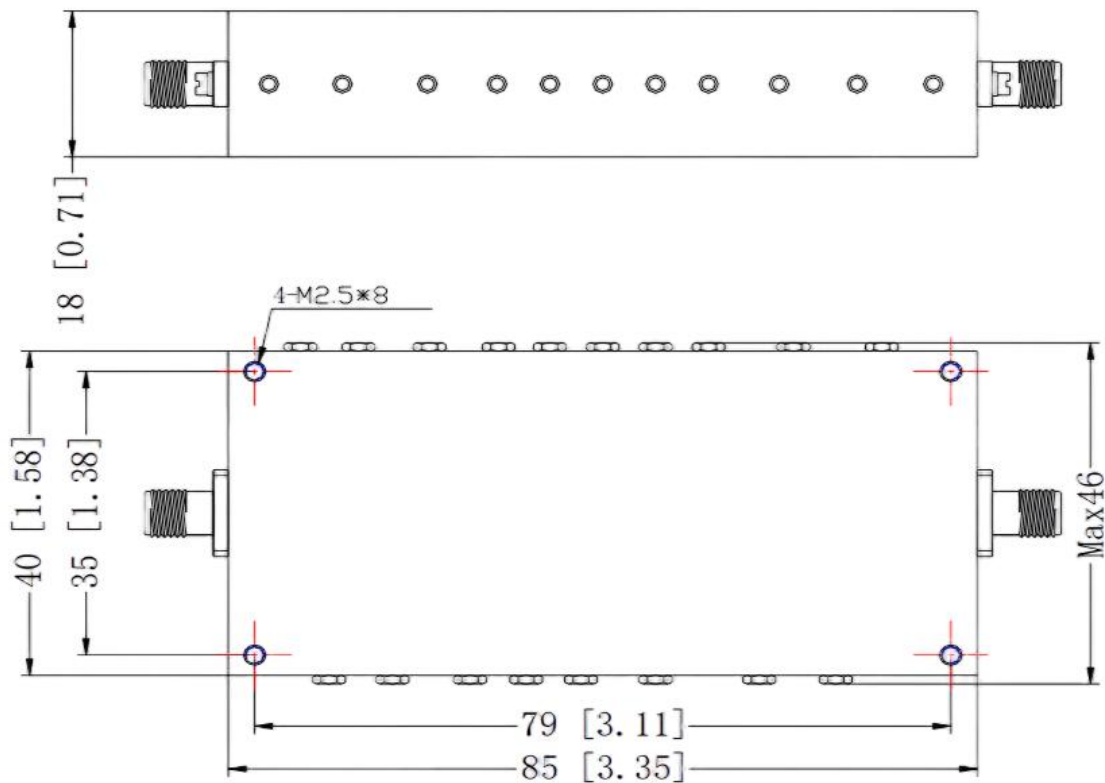
Parameter	Min	Typ	Max	Units
Passband Frequency range	1.4		1.6	GHz
Band Width			200	MHz
Passband Insertion Loss		0.5	0.8	dB
Pass Band Ripple			0.4	dB
VSWR			1.6	:1
Rejection@DC-1250MHz&1750MHz	40			dB
Power Handling			15	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	18*40*85	mm

Outline Drawing:

Unit:mm

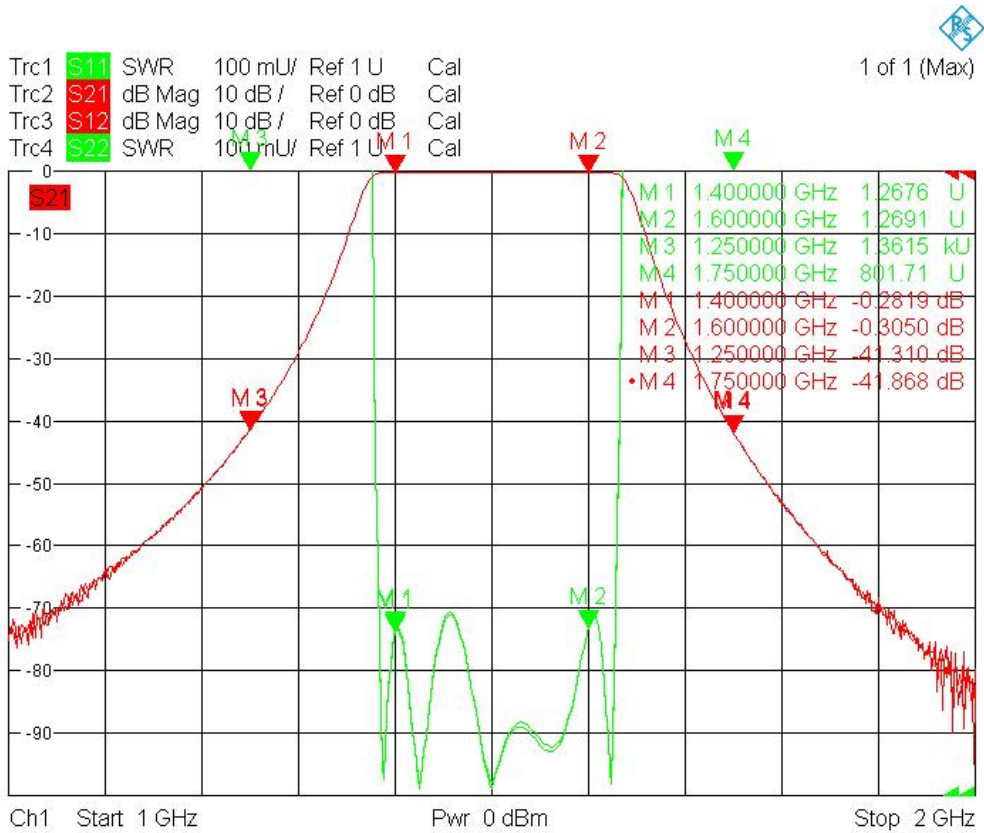


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-1G5-200M-E	Coaxial Band-pass Filter, Passband center frequency: 1.5GHz, 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.