

Coaxial Band-pass Filter

1900-2100 MHz/SMA Female

Model: TLBF-2G-5-E

TLBF-2G-5-E is a coaxial band-pass filter with a passband frequency from 1900 to 2100 MHz and a rejection frequencies from DC to 1400 MHz and point at 2700 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 1900 to 2100 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

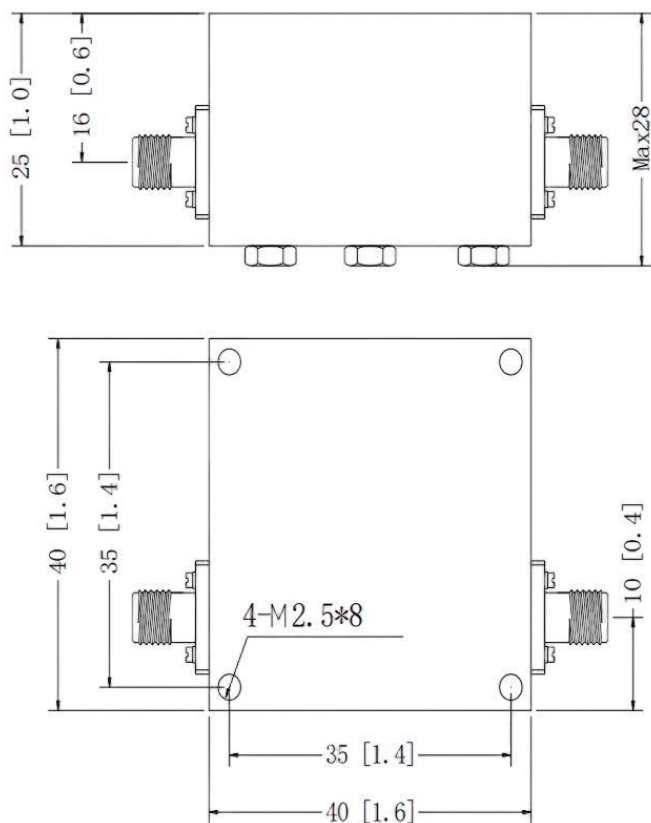
Parameter	Min	Typ	Max	Units
Passband Frequency range	1900		2100	MHz
Band Width			200	MHz
Insertion Loss(f0)			1.0	dB
Pass Band Ripple			0.8	dB
VSWR			1.6	:1
Rejection@DC-1400MHz&2700MHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	25*40*40	mm

Outline Drawing:

Unit:mm

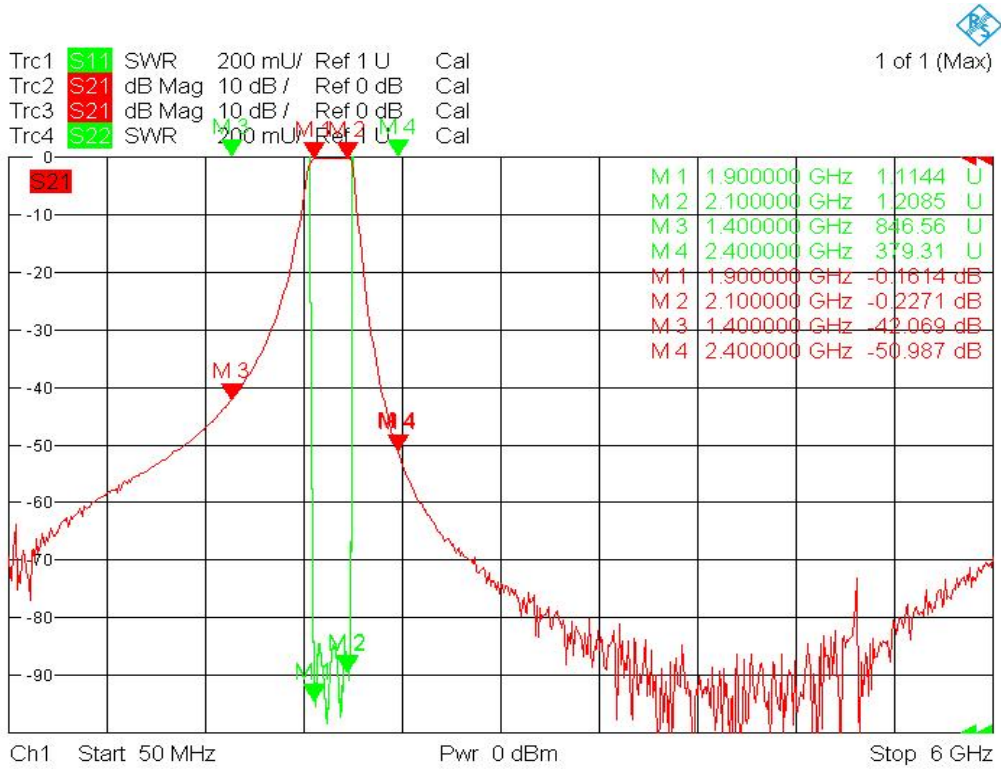


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G-5-E	Coaxial Band-pass Filter, Passband frequency range: 1900-2100MHz, Insertion Loss(f0): 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.