Suzhou Talent Microwave,Inc
sales@talentmw.com
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Coaxial Band-pass Filter

1950-2050 MHz/SMA Female

Model: TLBF-2G-100M-E

TLBF-2G-100M-E is a coaxial band-pass filter with a passband frequency from 1950 to 2050 MHz and a rejection frequencies at f0±300 MHz. The maximum insertion loss of the filter is 1.2 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 1950 to 2050 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	1950		2050	MHz
Band Width			100	MHz
Insertion Loss(f0)			1.2	dB
Pass Band Ripple			0.8	dB
VSWR			1.6	:1
Rejection@f0±300MHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

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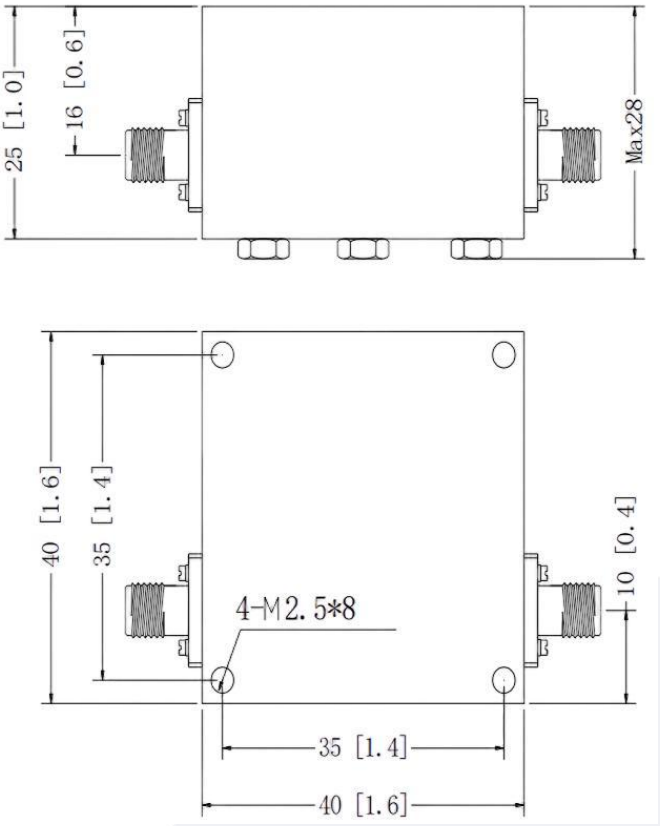
Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G-100M-E	Coaxial Band-pass Filter,Passband frequency range:1950-2050MHz,Insertion Loss(f0):1.2dB, SMA Female	Rev.1.0

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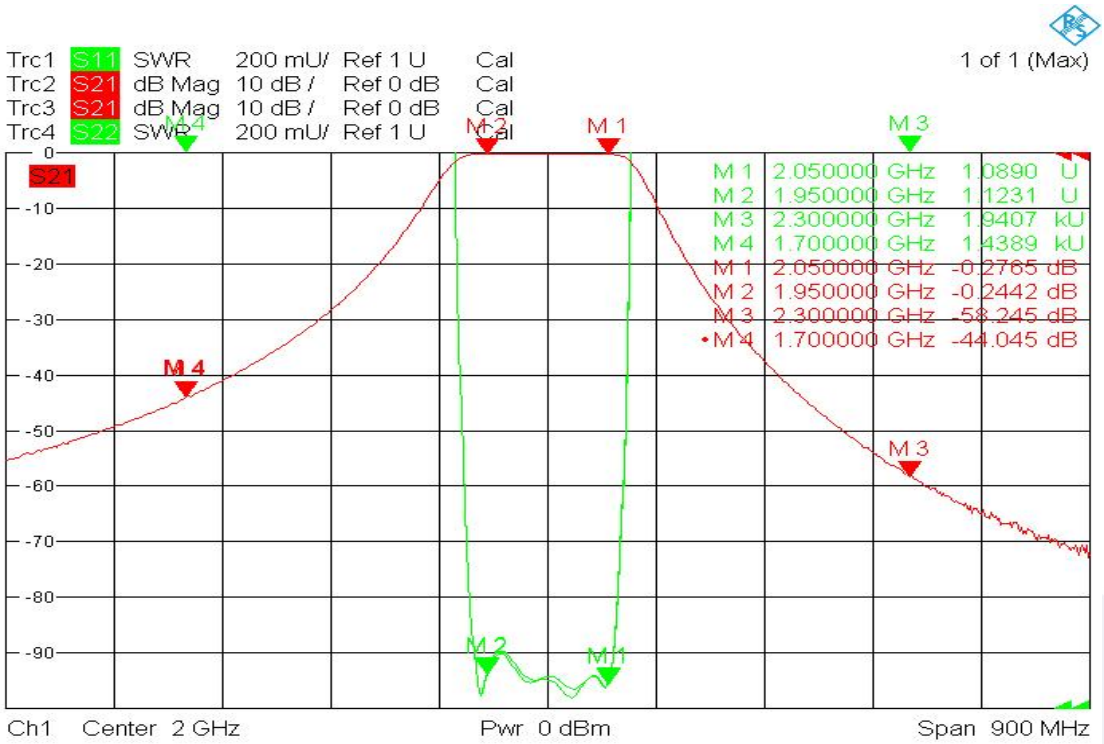
Typical Performance Data:



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.