Suzhou Talent Microwave,Inc
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www.talentmw.com

Coaxial Band-pass Filter

2.993-3.003 GHz/SMA Female

Model: TLBF-2G998-10M-E4

TLBF-2G998-10M-E4 is a coaxial band-pass filter with a passband frequency from 2.993 to 3.003 GHz and a rejection frequencies from 2.948 GHz to 3.048 GHz. The maximum insertion loss of the filter is 2.0 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 2.993 to 3.003 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	2.993		3.003	GHz
Band Width			0.01	GHz
Passband Insertion Loss		1.8	2.0	dB
Pass Band Ripple			1.6	dB
Rejection	>60dB@f0±50MHz			
Power Handling			15	W
VSWR			1.4	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Connectors	SMA Female	

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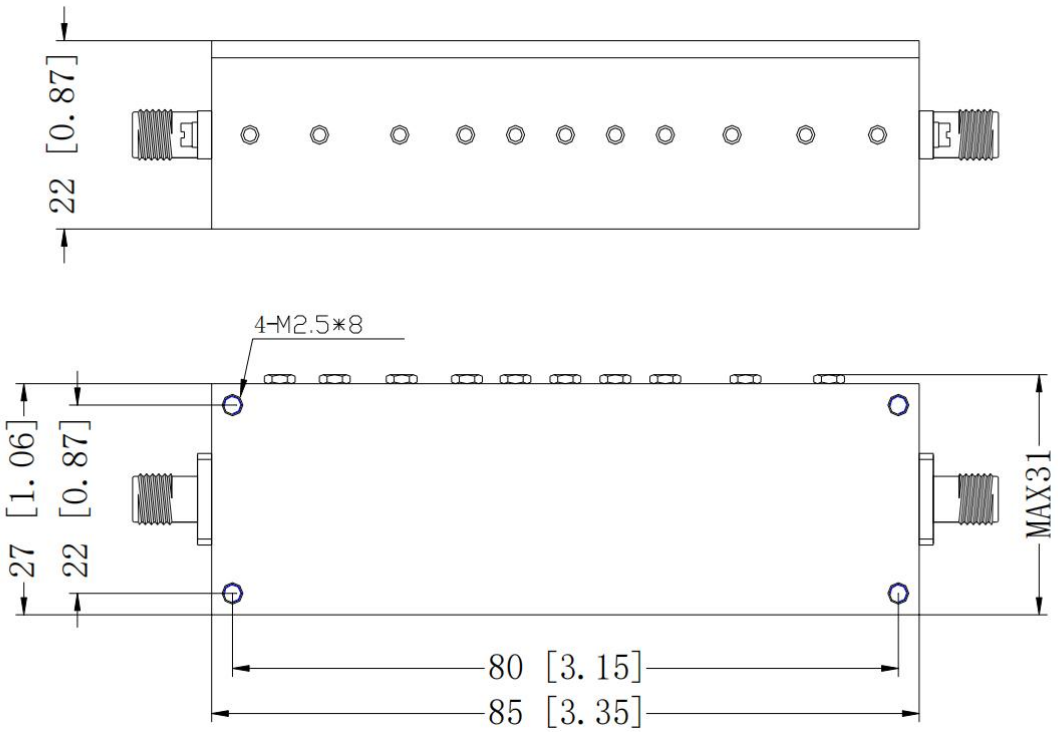
Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G998-10M-E4	Coaxial Band-pass Filter,Passband frequency range:2.993-3.003GHz,Passband Insertion Loss:2.0dB, SMA Female	Rev.1.0

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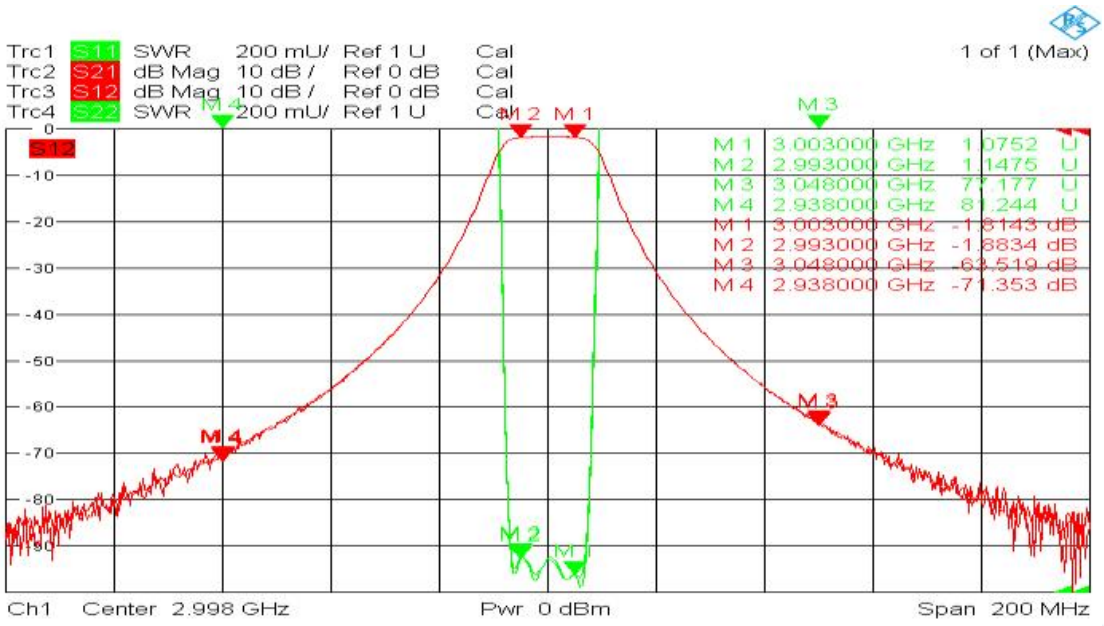
Typical Performance Data:



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.