泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

24.5-25.5 GHz/2.92mm Female

Model: TLBF-25G-1G-A

TLBF-25G-1G-A is a coaxial band-pass filter with a passband frequency from 24.5 to 25.5 GHz and a rejection frequency @20 GHz. The maximum insertion loss of the filter is 1.2 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 24.5 to 25.5 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	24.5		25.5	GHz
Band Width			1	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
Rejection	>40dB@20Ghz			dB
Power Handling			15	W
VSWR			1.8	:1
Impedance	50			Ohms

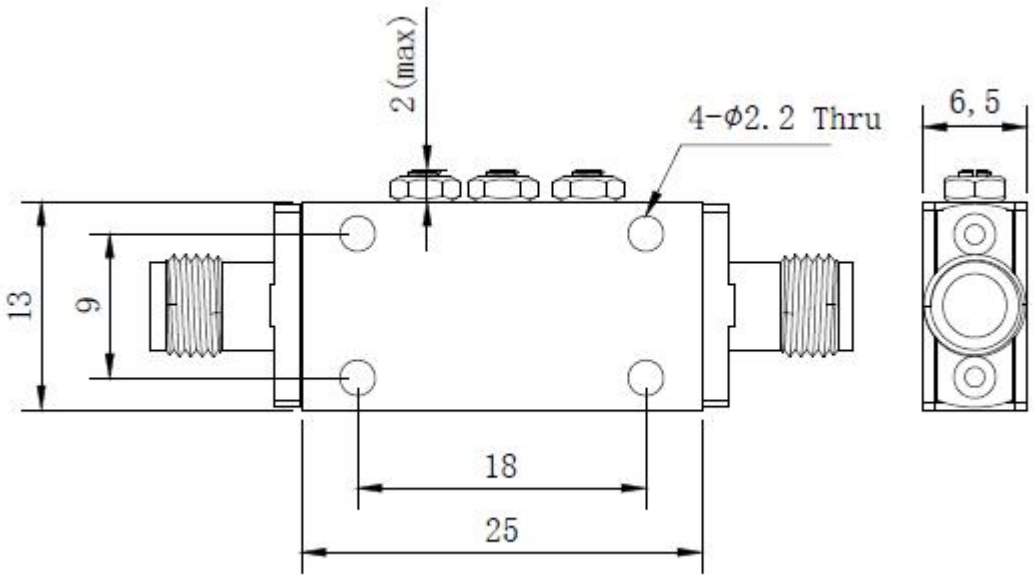
Envrionmental And Physical Characteristics:

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

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Outline Drawing:

Unit:mm



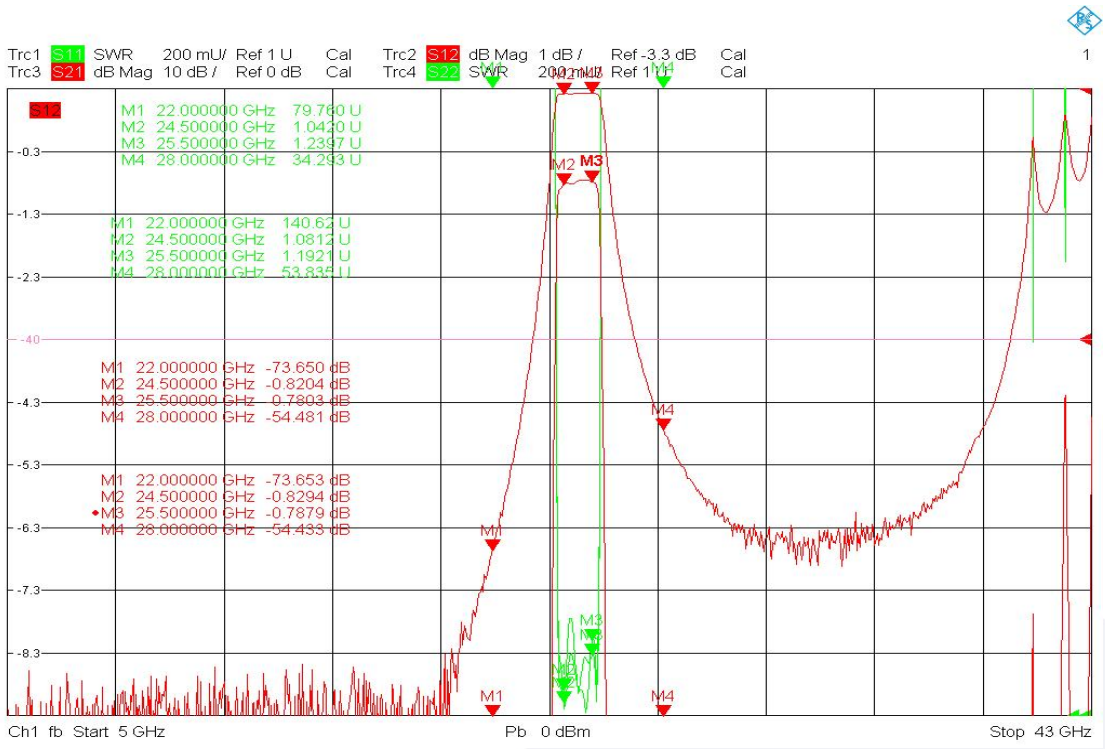
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-25G-1G-A	Coaxial Band-pass Filter,Passband frequency range:24.5-25.5GHz,Passband Insertion Loss: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 e
and other factors like material lots etc.