Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

10-14 GHz/SMA Female

Model: TLBF-10G-14G-E

TLBF-10G-14G-E is a coaxial band-pass filter with a passband frequency from 10 to 14 GHz and a rejection frequencies from 9.5 GHz to 14.5 GHz. The maximum insertion loss of the filter is 1.2 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 10 to 14 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	10		14	GHz
Band Width			4	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
Rejection	>40dB@fC±500MHz			dB
Power Handling			15	W
VSWR			1.5	:1
Impedance	50			Ohms

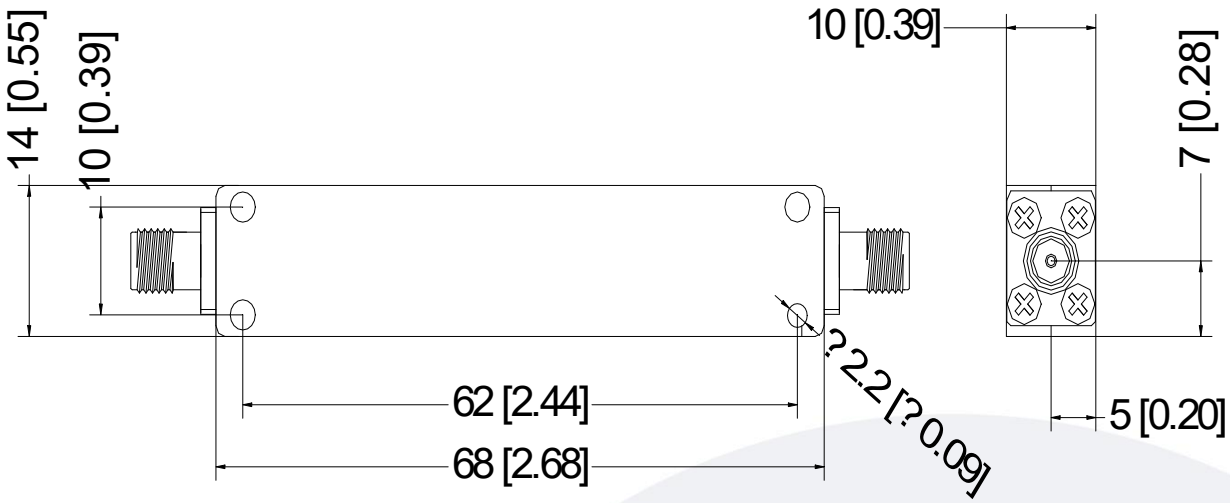
Envrionmental And Physical Characteristics:

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

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Outline Drawing:

Unit:mm



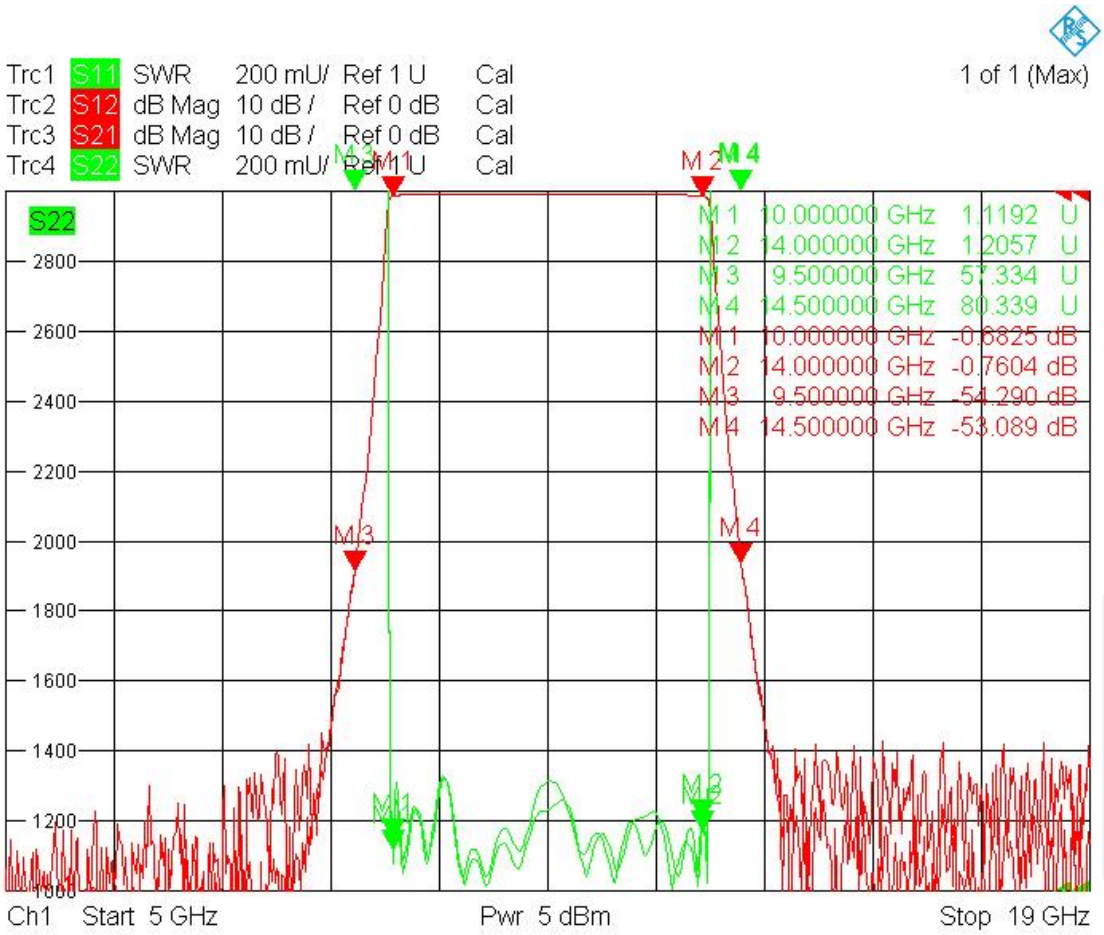
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-10G-14G-E	Coaxial Band-pass Filter,Passband frequency range:10-14GHz,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.