Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

14-18 GHz/SMA Female

Model: TLBF-14G-18G-E

TLBF-14G-18G-E is a coaxial band-pass filter with a passband frequency from 14 to 18 GHz and a rejection frequencies from DC-11.5GHz and 20.7-24 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 14 to 18 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	14		18	GHz
Band Width			4	GHz
Passband Insertion Loss			1.0	dB
Pass band Ripple			0.9	dB
Rejection		>50dB@dc-11.5GHz 20.7-24GHz		dB
Power Handling			15	W
VSWR			1.8	:1
Impedance		50		Ohms

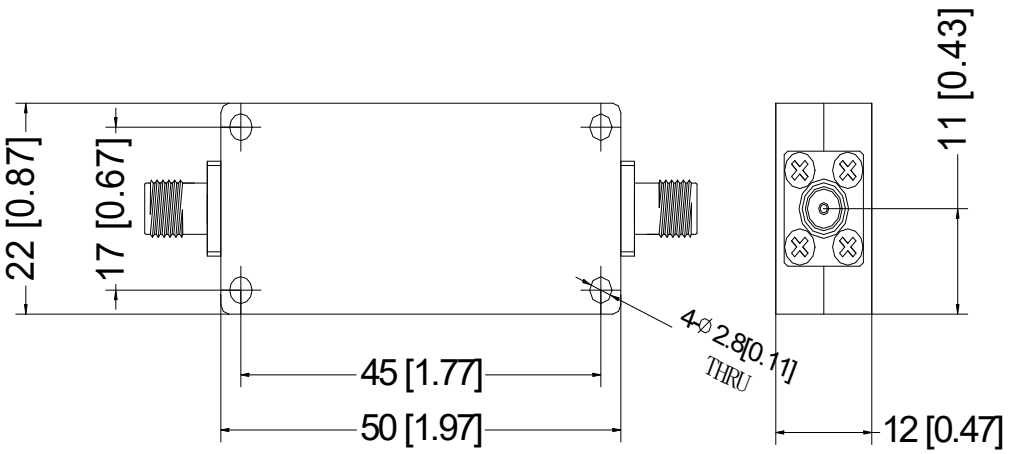
Envrionmental And Physical Characteristics:

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

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Outline Drawing:

Unit:mm





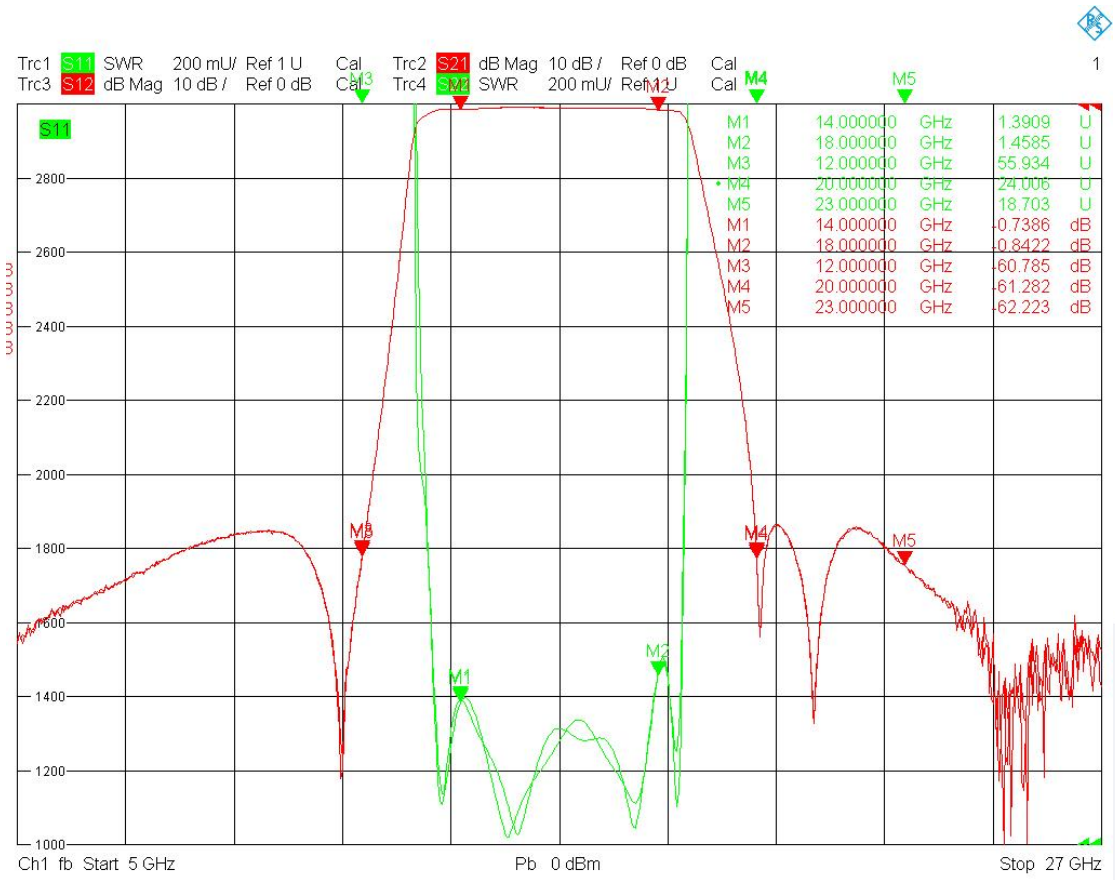
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-14G-18G-E	Coaxial Band-pass Filter,Passband frequency range:14-18GHz,Passband Insertion Loss:1.0dB, 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.