Suzhou Talent Microwave,Inc
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Coaxial Band-pass Filter

36.5-38GHz/ 2.92 Female

Model: TLBF-36G5-38G-A

TLBF-36G5-38G-A is a coaxial band-pass filter with a passband frequency from 36.5-38 GHz and a rejection frequencies @ 34.75 and 39.75 GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 36.5-38GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Passband Frequency range		36.5		38	GHz
Passband Insertion Loss				1.8	dB
Pass Band Ripple				1.6	dB
Rejection	@34.75GHz	60			dB
	@39.75GHz	60			
Power Handling				15	W
Input VSWR				1.8	:1
Output VSWR				1.8	:1
Impedance		50			Ohms

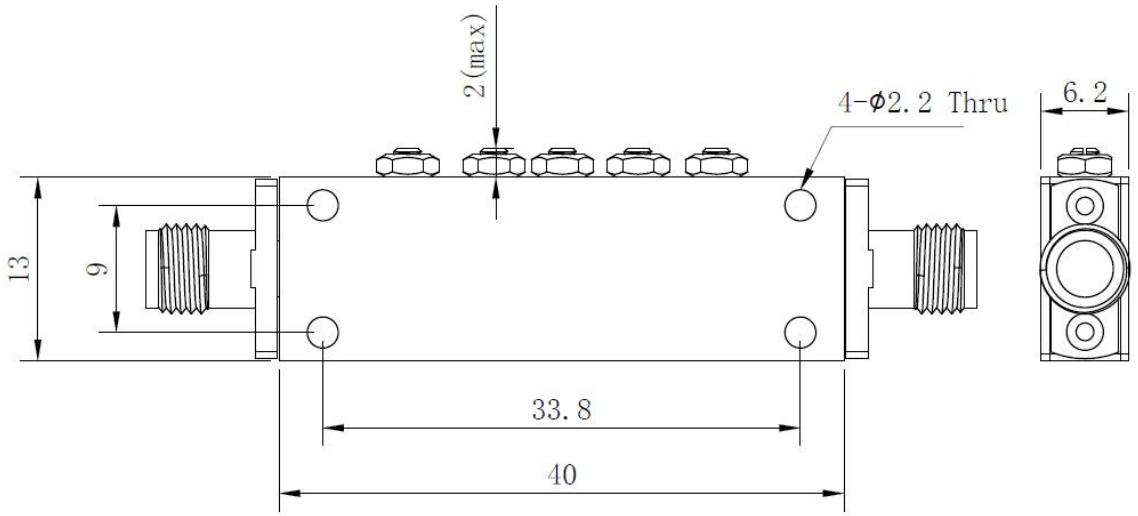
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Storage Temerature	-40 to +70	℃
Connectors	2.92 Female	

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Outline Drawing:

Unit:mm



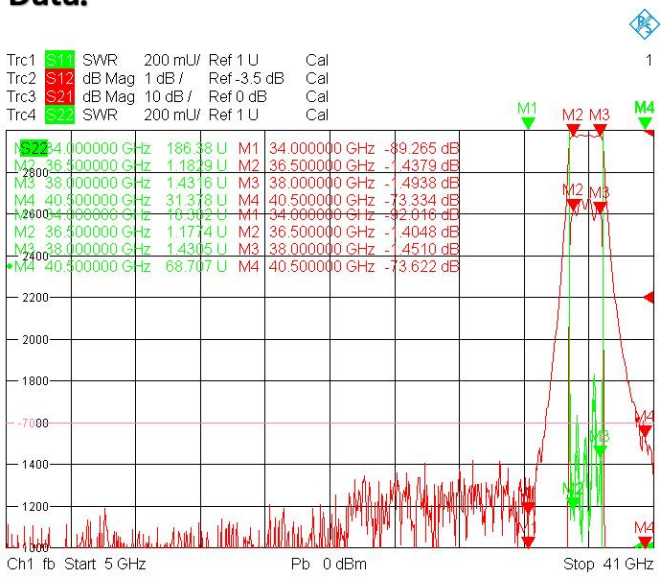
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-36G5-38G-A	Coaxial Band-pass Filter,Passband frequency range: 36.5 to 38 GHz, Passband Insertion Loss:1.8dB, 2.92 Female	Rev.1.0

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Typical Performance Data:



Frequency(GHz)

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.