

Coaxial Band-pass Filter

31.25-32.75/ 2.92 Female

Model: TLBF-32G-1G5-A

TLBF-32G-1G5-A is a coaxial band-pass filter with a passband frequency from 31.25 to 32.75 GHz and a rejection frequencies DC-29.6GHz. The nominal insertion loss of the filter is 2.2 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 31.25 to 32.75 GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

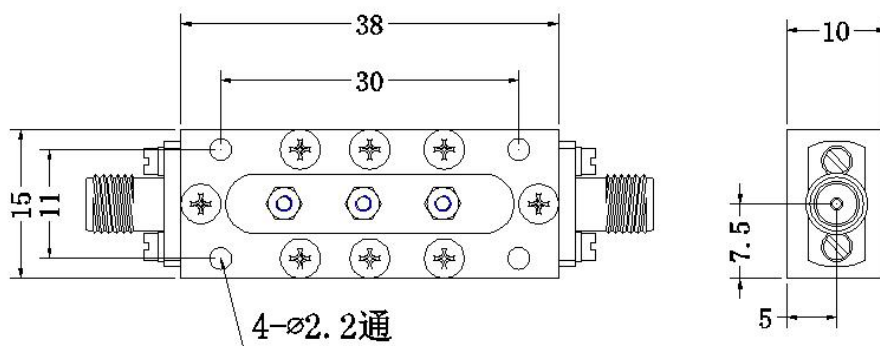
Parameter	Min	Typ	Max	Units
Passband Frequency range	31.25	32	32.75	GHz
Passband Insertion Loss			2.2	dB
Pass Band Ripple			2.0	dB
Rejection	≥50dB@dc-29.6GHz			dB
Power Handling			50	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	2.92 Female	

Outline Drawing:

Unit:mm;

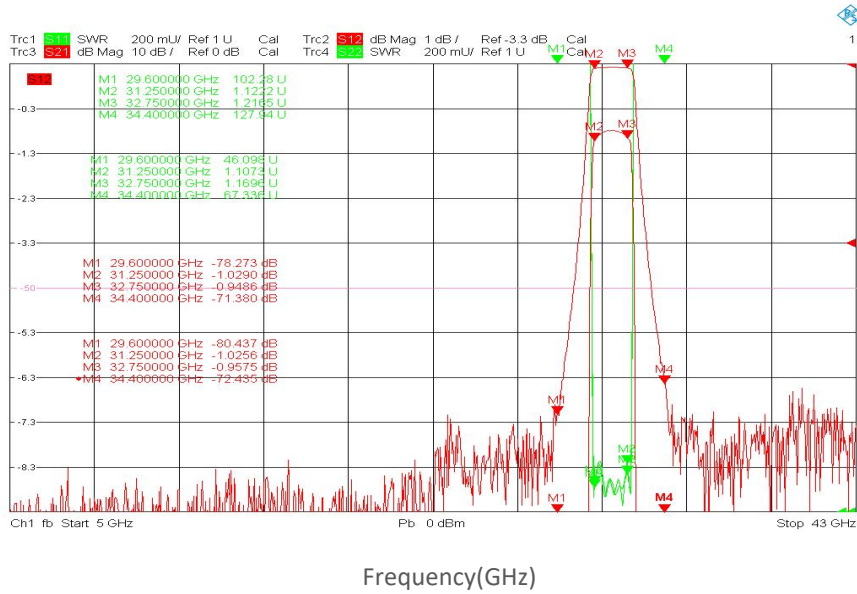


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-32G-1G5-A	Coaxial Band-pass Filter, Passband frequency range: 31.25 to 32.75 GHz, Passband Insertion Loss: 2.2dB, 2.92 Female	Rev.1.0

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.