

Coaxial Band-pass Filter

28-32GHz/ 2.92 Female

Model: TLBF-30G-4G-A

TLBF-30G-4G-A is a coaxial band-pass filter with a passband frequency from 28 to 32GHz and a rejection frequencies @23GHz and 37GHz. The nominal insertion loss of the filter is 1.6 dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 28 to 32GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

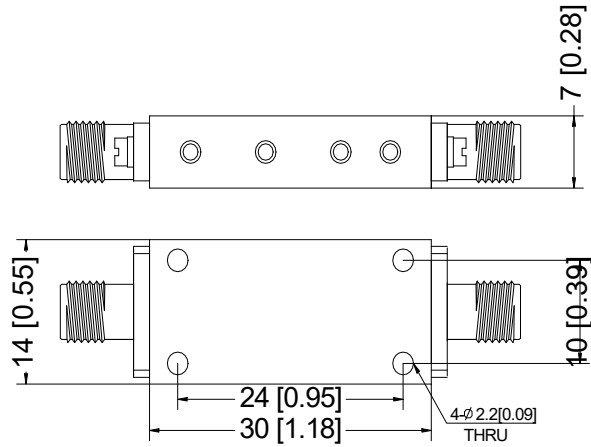
Parameter	Min	Typ	Max	单Units
Passband Frequency range	28		32	GHz
Passband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
Rejection	≥40@23GHz & 37GHz			dB
Power Handling			30	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm;

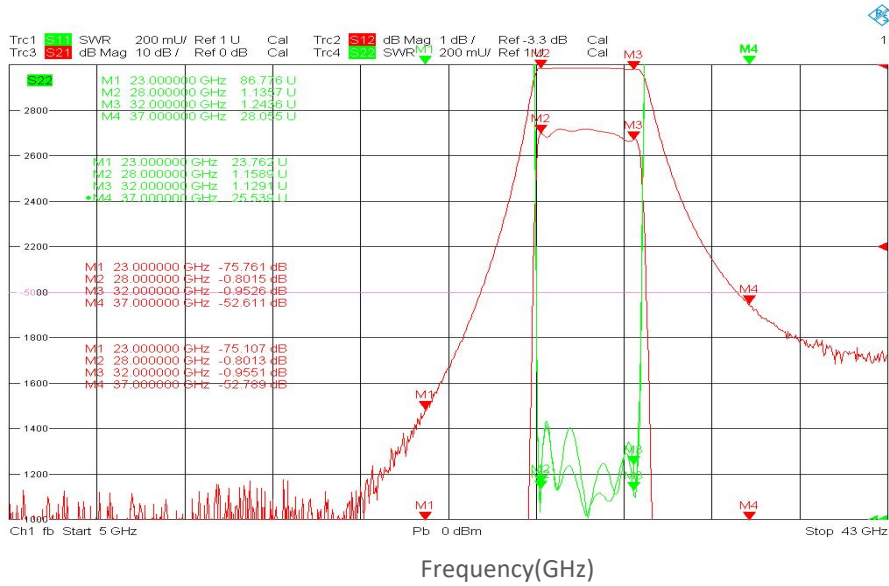


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-30G-4G-A	Coaxial Band-pass Filter, Passband frequency range: 28 to 32 GHz, Passband Insertion Loss: 2.0cB, 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.