

Coaxial Band-pass Filter

30-40GHz/ 2.92 Female

Model: TLBF-35G-6G-A2

TLBF-35G-6G-A2 is a coaxial band-pass filter with a passband frequency from 32-38GHz and a rejection frequencies @30 and 42 GHz. The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 32-38 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

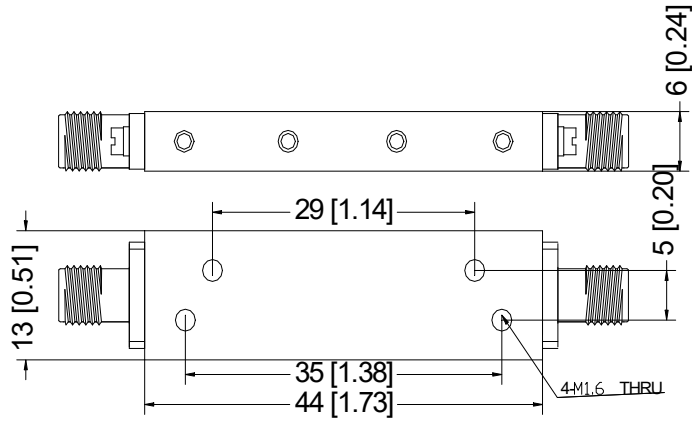
Parameter		Min	Typ	Max	Units
Passband Frequency range		32		38	GHz
Passband Insertion Loss				1.5	dB
Pass Band Ripple				1.2	dB
Rejection	@30GHz	50			dB
	@42GHz	50			
Power Handling				15	W
Input VSWR				1.8	:1
Output VSWR				1.8	:1
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm;

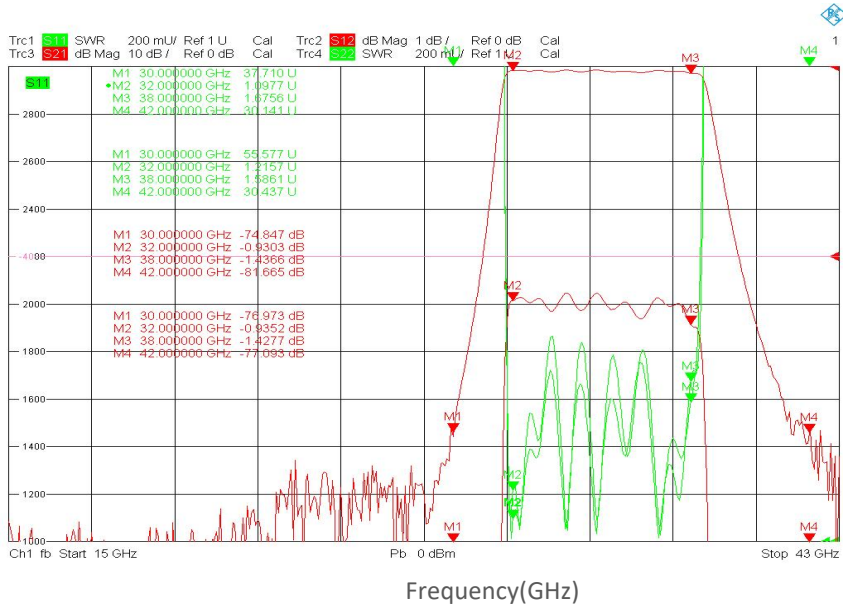


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-35G-6G-A2	Coaxial Band-pass Filter, Passband frequency range: 32 to 38GHz, Passband Insertion Loss: 1.5dB, 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.