

Coaxial Band-pass Filter

34.6-35.4GHz/ 2.92 Female

Model: TLBF-34G6-35G4-A

TLBF-34G6-35G4-A is a coaxial band-pass filter with a passband frequency from 34.6 to 35.4GHz and a rejection frequencies @34.1 and 35.9 GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 20 dB.

Features:

- Passband Frequency Range 34.6 to 35.4Hz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

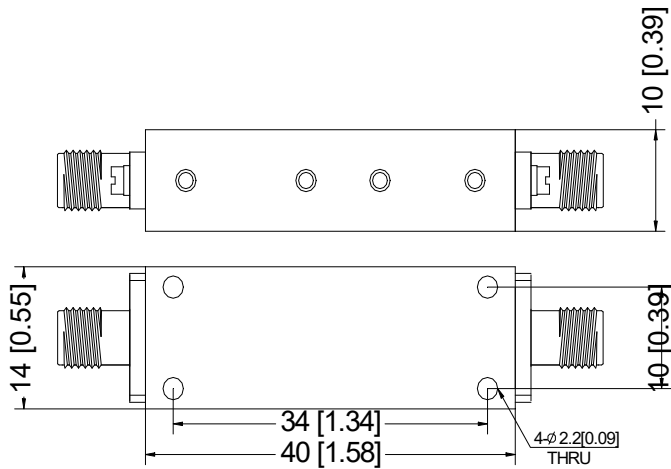
Parameter		Min	Typ	Max	Units
Passband Frequency range		34.5		34.6	GHz
Passband Insertion Loss				1.2	dB
Pass Band Ripple				1.0	dB
Rejection	@34.1GHz	20			dB
	@35.9GHz	20			
Power Handling				10	W
Input VSWR				1.5	:1
Output VSWR				1.5	:1
Impedance		50			Ohms

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

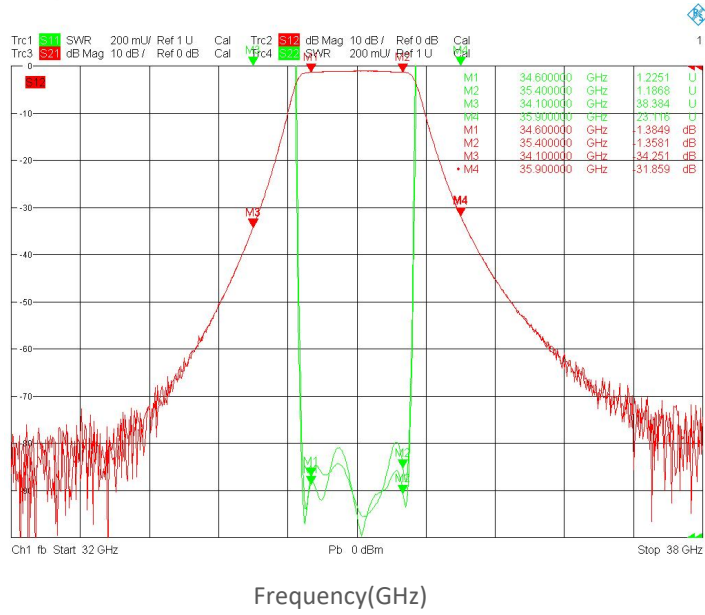


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-34G6-35G4-A	Coaxial Band-pass Filter, Passband frequency range: 34.6 to 35.4GHz, Passband Insertion Loss: 1.2dB, 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.