

Coaxial Band-pass Filter

35-36.5GHz/2.92 Female

Model: TLBF-35G-36G5-A

TLBF-35G-36G5-A is a coaxial band-pass filter with a passband frequency from 35 to 36.5GHz and a rejection frequencies @33.25 and 38.25 GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 33.25 to 38.25GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

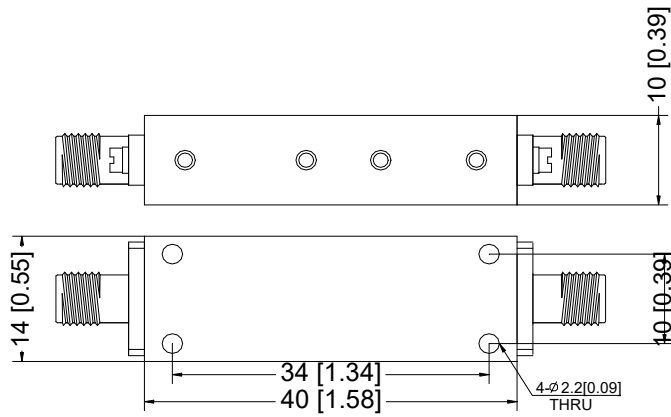
Parameter		Min	Typ	Max	Units
Passband Frequency range		35		36	GHz
Passband Insertion Loss				1.8	dB
Pass Band Ripple				1.6	dB
帶外抑制 Rejection	@33.25GHz	60			dB
	@38.25GHz	60			
Power Handling				15	W
Input VSWR				1.8	:1
Output VSWR				1.8	:1
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm

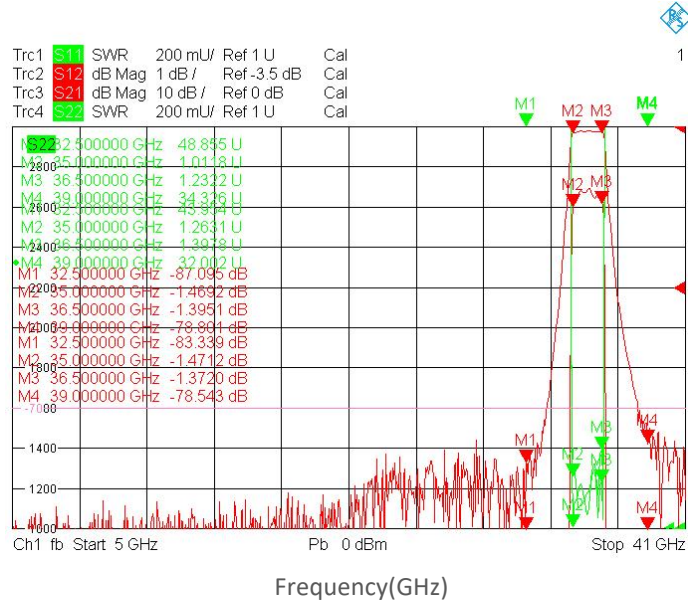


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-35G-36G5-A	Coaxial Band-pass Filter, Passband frequency range: 33.25 to 38.25GHz, Passband Insertion Loss: 1.8dB, 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.