

Coaxial Band-pass Filter

39.5-40.5GHz/ 2.92 Female

Model: TLBF-40G-1G-A

TLBF-40G-1G-A is a coaxial band-pass filter with a passband frequency from 39.5 to 40.5GHz and a rejection frequencies @37 and 43 GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 39.5 to 40.5GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

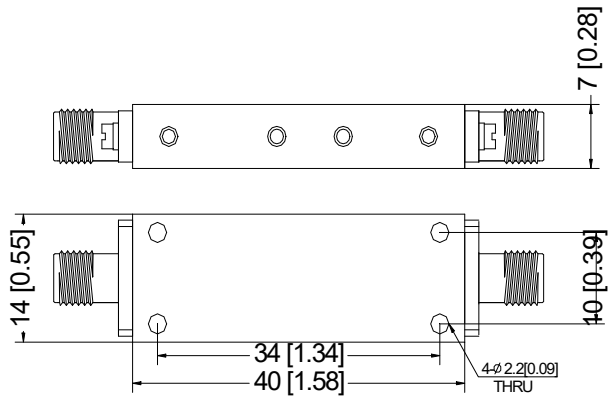
Parameter		Min	Typ	Max	Units
Passband Frequency range		39.5		40.5	GHz
Passband Insertion Loss				1.8	dB
Pass Band Ripple				1.6	dB
Rejection	@37GHz	40			dB
	@43GHz	40			
Power Handling				15	W
Input VSWR				2.0	:1
Output VSWR				2.0	:1
Impedance		50			Ohms

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;

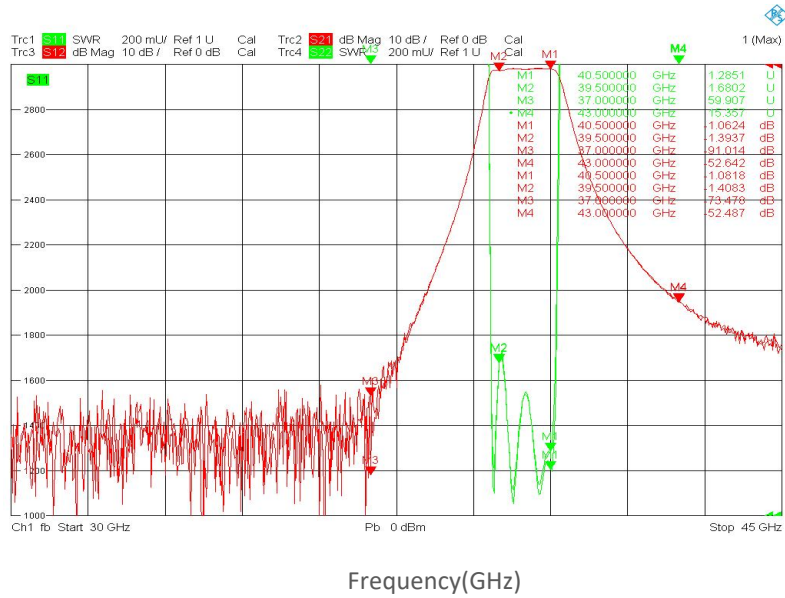


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-40G-1G-A	Coaxial Band-pass Filter, Passband frequency range: 39.5 to 40.5GHz, 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.