

Coaxial Band-pass Filter

28-40 GHz/2.92mm Female

Model: TLBF-28G-40G-E

TLBF-28G-40G-E is a coaxial band-pass filter with a passband frequency from 28 to 40 GHz and a rejection frequencies from 25.5 GHz to 42.5 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 28 to 40 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

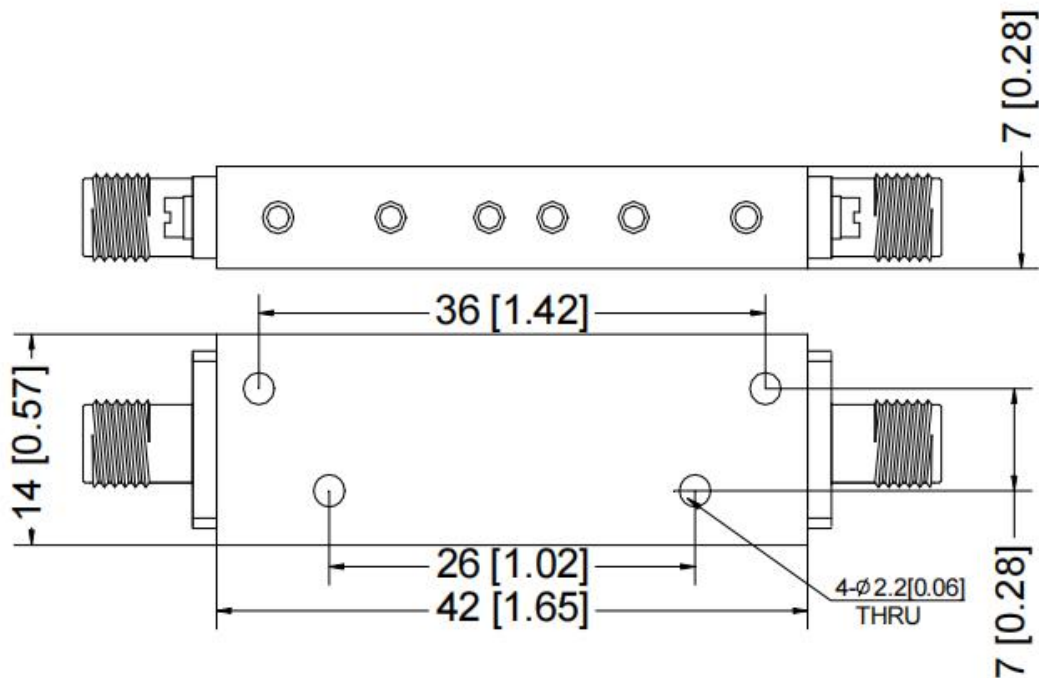
Parameter	Min	Typ	Max	Units
Passband Frequency range	28		40	GHz
Band Width			12	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>60dB@fc±2.5Ghz			
Power Handling			15	W
VSWR			2.0	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	2.92mm Female	

Outline Drawing:

Unit:mm

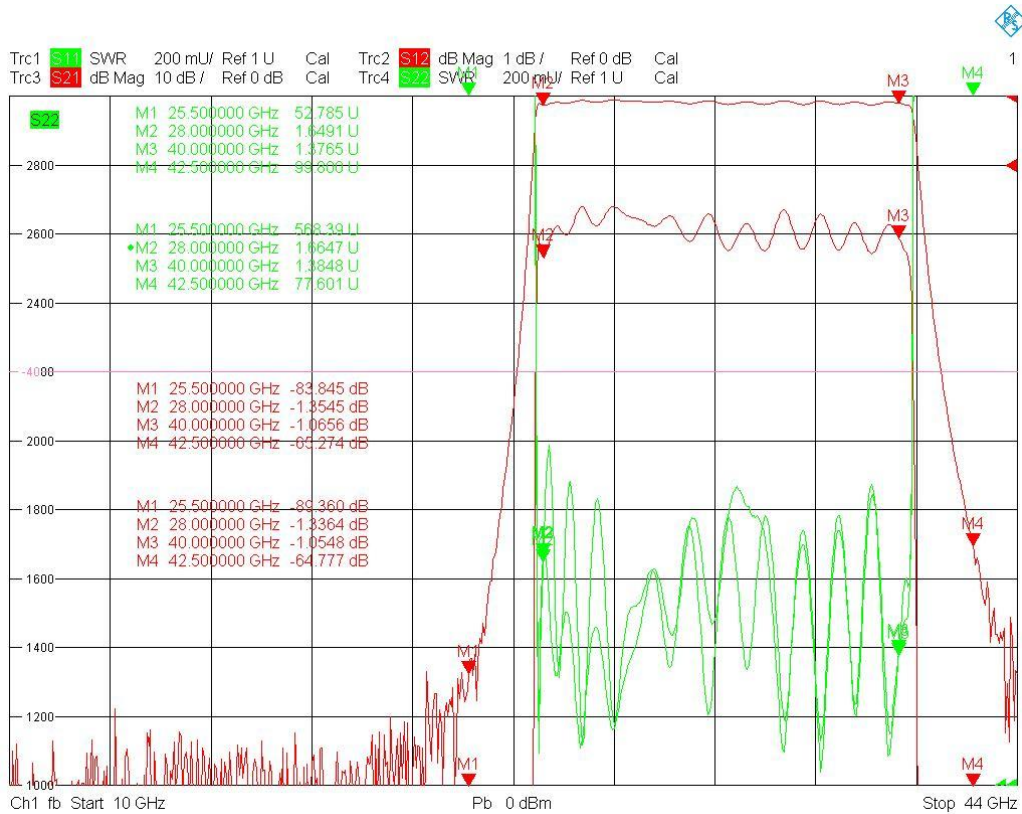


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-28G-40G-E	Coaxial Band-pass Filter, Passband frequency range: 28-40GHz, Passband Insertion Loss: 1.0dB, 2.92mm 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.