

Coaxial Band-pass Filter

33.75-36.25GHz/ 2.92 Female

Model: TLBF-35G-2G5-A2

TLBF-35G-2G5-A2 is a coaxial band-pass filter with a passband frequency from 33.75 to 36.25 GHz and a rejection frequencies @32 and 38 GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 33.75 to 36.25 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

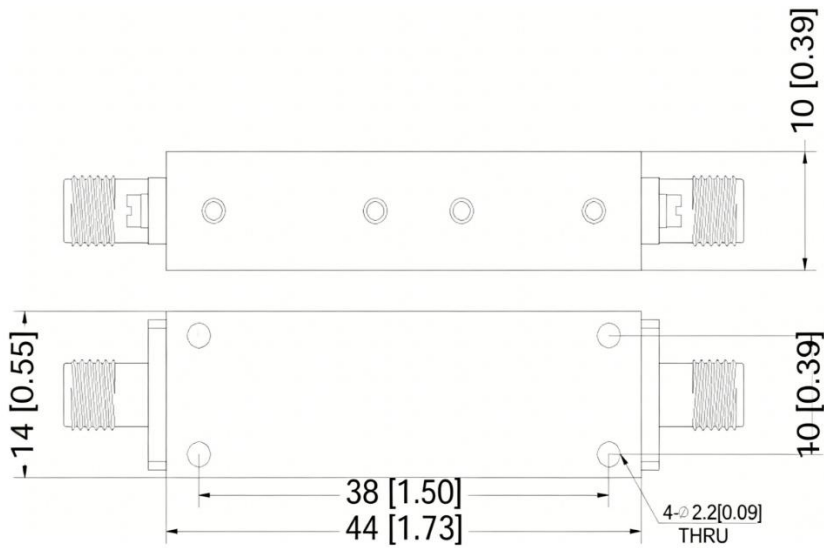
Parameter		Min	Typ	Max	Units
Passband Frequency range		33.75		36.25	GHz
Passband Insertion Loss				1.2	dB
Pass Band Ripple				1.0	dB
Rejection	@32GHz	70			dB
	@38GHz	70			
Power Handling				30	W
Input VSWR				1.5	:1
Output VSWR				1.5	:1
Impedance		50			Ohms

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;

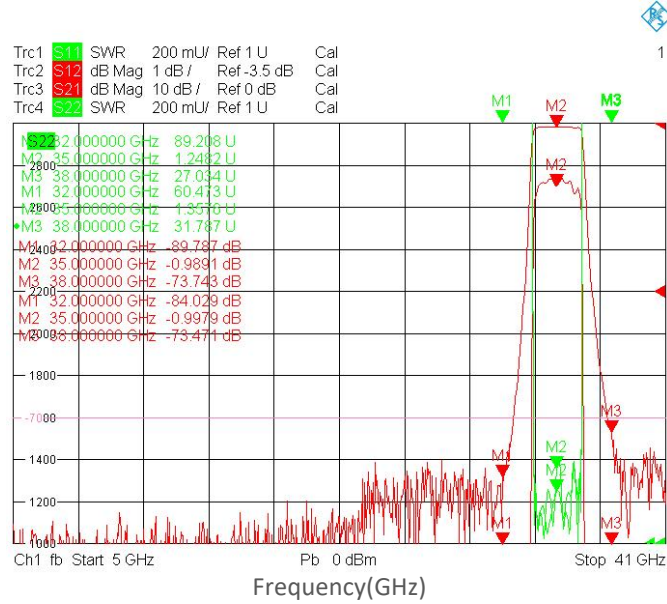


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

标 Base Number	Description	Revision
TLBF-35G-2G5-A2	Coaxial Band-pass Filter, Passband frequency range: 33.75 to 36.25 GHz, 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.