

Coaxial Band-pass Filter

32-34GHz/ 2.92 Female

Model: TLBF-33G-2G-A

TLBF-33G-2G-A is a coaxial band-pass filter with a passband frequency from 32 to 34 GHz and a rejection frequencies @30GHz and 36GHz. The nominal insertion loss of the filter is 1.8 dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 32 to 34GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

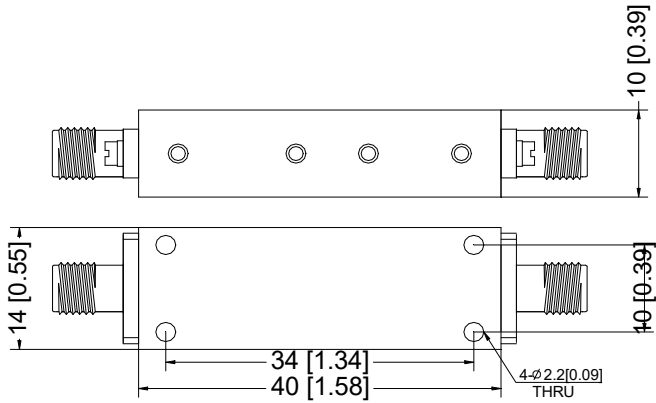
Parameter	Min	Typ	Max	Units
Passband Frequency range	32		34	GHz
Passband Insertion Loss			1.8	dB
Pass Band Ripple			1.6	dB
Rejection	≥60@fo±3GHz			dB
Power Handling			15	W
Input VSWR			1.8	:1
Output VSWR			1.8	:1
Impedance	50			Ohms

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

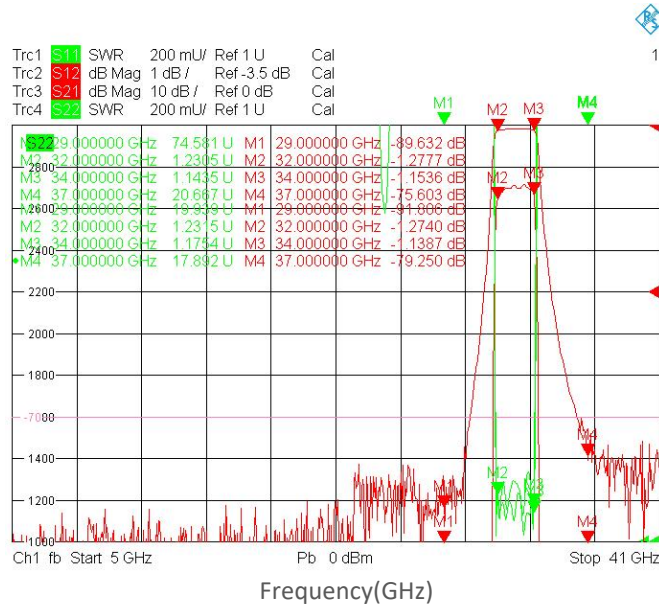


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-33G-2G-A	Coaxial Band-pass Filter, Passband frequency range: 32-34GHz, 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.