

Coaxial Bandpass Filter

12.5 GHz/SMA Female

Model: TLBF-12G5-1G6-E-Cryo

TLBF-12G5-1G6-E-Cryo is a coaxial bandpass filter with a passband Center frequency 12.5 GHz . The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 40 dB.

Features:

- Passband Center Frequency:12.5 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

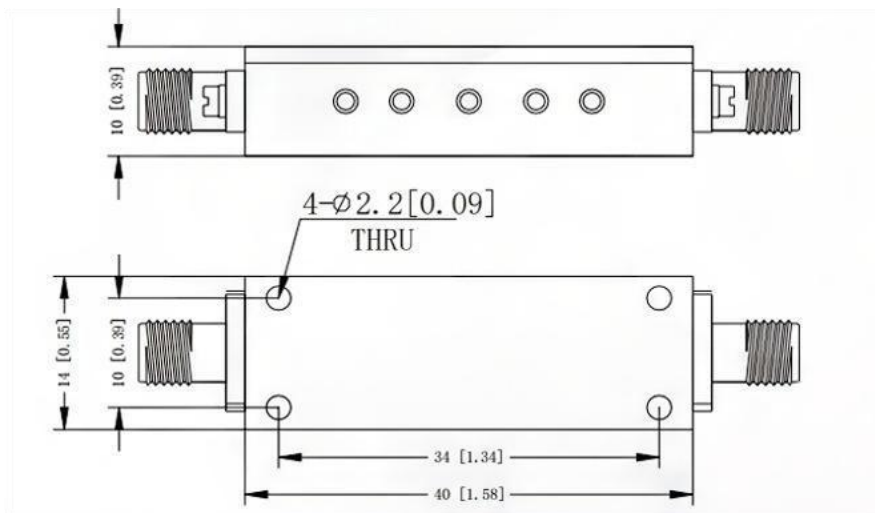
Parameter	Min	Typ	Max	Units
Passband Center Frequency		12.5		GHz
Band Width			1600	MHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.2	dB
Rejection	> 40dB@fc±2000MHz			dB
Power Handling			20	W
Input VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Connectors	SMA Female	
Size	40*14*10	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-12G5-1G6-E-Cryo	Coaxial Bandpass Filter, Passbandm Center Frequency :12.5GHz, Passband Insertion Loss:1.5dB, SMA Female	Rev.1.0

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.