

Coaxial Band-pass Filter

23.95-24.05 GHz/SMA Female

Model: TLBF-24G-100M-A

TLBF-24G-100M-A is a coaxial band-pass filter with a passband frequency from 23.95 to 24.05 GHz and a rejection frequencies from 23.7 GHz to 24.3GHz. The maximum insertion loss of the filter is 2.0 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 23.95 to 24.05 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

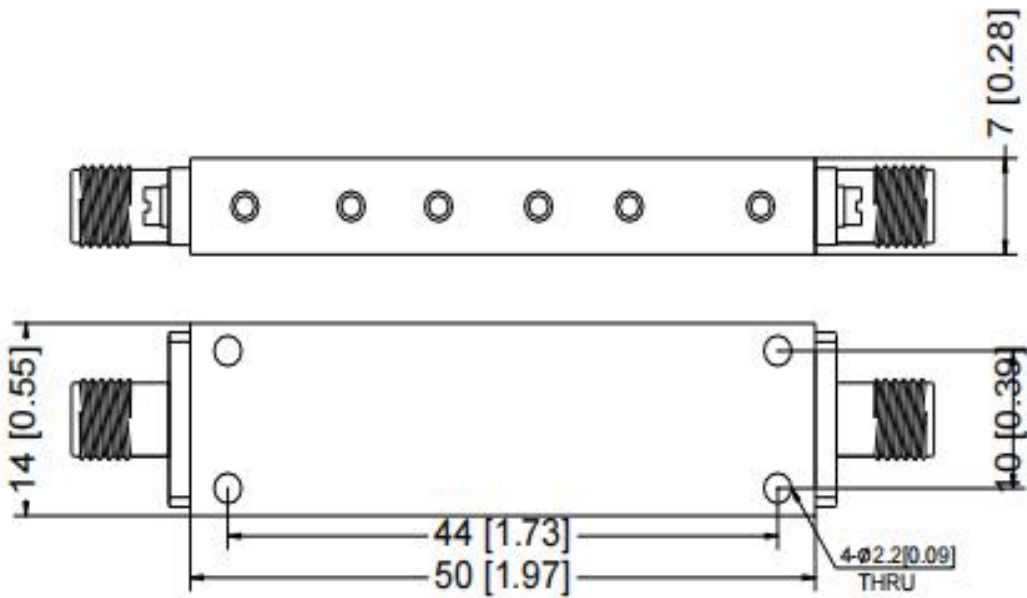
Parameter	Min	Typ	Max	Units
Passband Frequency range	23.95		24.05	GHz
Band Width			0.1	GHz
Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
Rejection	≥50dB@FO±300MHz ≥20dB@FC±200MHz			dB
Power Handling			20	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-24G-100M-A	Coaxial Band-pass Filter, Passband frequency range: 23.95-24.05GHz, Insertion Loss: 2.0dB, SMA Female	Rev.1.0