

Coaxial Band-pass Filter

14.3-14.7 GHz/SMA Female

Model: TLBF-14G3-14G7-E

TLBF-14G3-14G7-E is a coaxial band-pass filter with a passband frequency from 14.3 to 14.7 GHz and a rejection frequencies from 13.5 GHz to 15.5 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 14.3 to 14.7 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

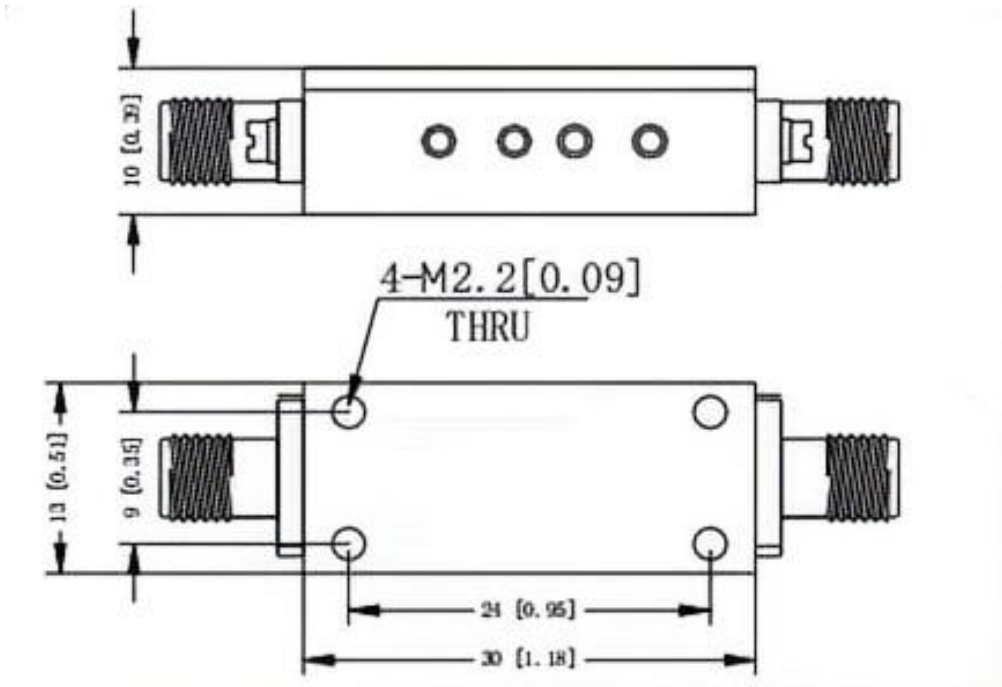
Parameter	Min	Typ	Max	Units
Passband Frequency range	14.3		14.7	GHz
Band Width			400	MHz
Passband Insertion Loss			1.0	dB
Pass band Ripple			0.8	dB
Rejection	>30dB@f0±800MHz			dB
Power Handling			15	W
VSWR			1.4	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

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

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-14G3-14G7-E	Coaxial Band-pass Filter, Passband frequency range: 14.3-14.7GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0