

Coaxial Band-pass Filter

4.24-4.26 GHz/SMA Female

Model: TLBF-4G25-20M-E

TLBF-4G25-20M-E is a coaxial band-pass filter with a passband frequency from 4.24 to 4.26 GHz and a rejection frequencies from 4.15 GHz to 4.35 GHz. The maximum insertion loss of the filter is 3.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 4.24 to 4.26 GHz
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

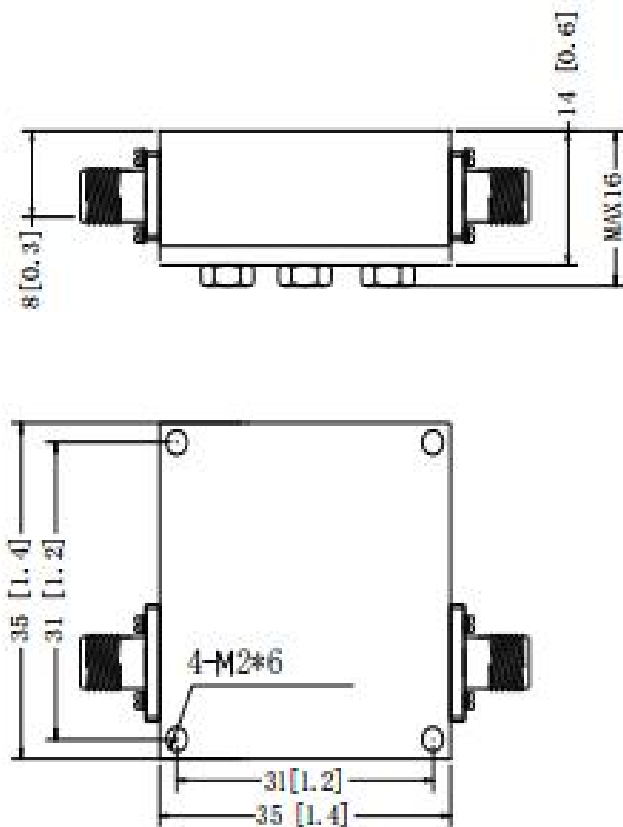
Parameter	Min	Typ	Max	Units
Passband Frequency range	4.24		4.26	GHz
Band Width			0.02	GHz
Passband Insertion Loss			3.0	dB
Pass Band Ripple			2.8	dB
Rejection	>40dB@f0±100MHZ			
Power Handling			50	W
VSWR			1.6	:1
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-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-4G25-20M-E	Coaxial Band-pass Filter, Passband frequency range: 4.24-4.26GHz, Passband Insertion Loss: 3.0dB, SMA Female	Rev.1.0