

Coaxial Band-pass Filter

6.9-7.1 GHz/SMA Female

Model: TLBF-7G-200M-E

TLBF-7G-200M-E is a coaxial band-pass filter with a passband frequency from 6.9 to 7.1 GHz and a rejection frequencies from 6.5 GHz to 7.5 GHz. The maximum insertion loss of the filter is 1.8 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 6.9 to 7.1 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

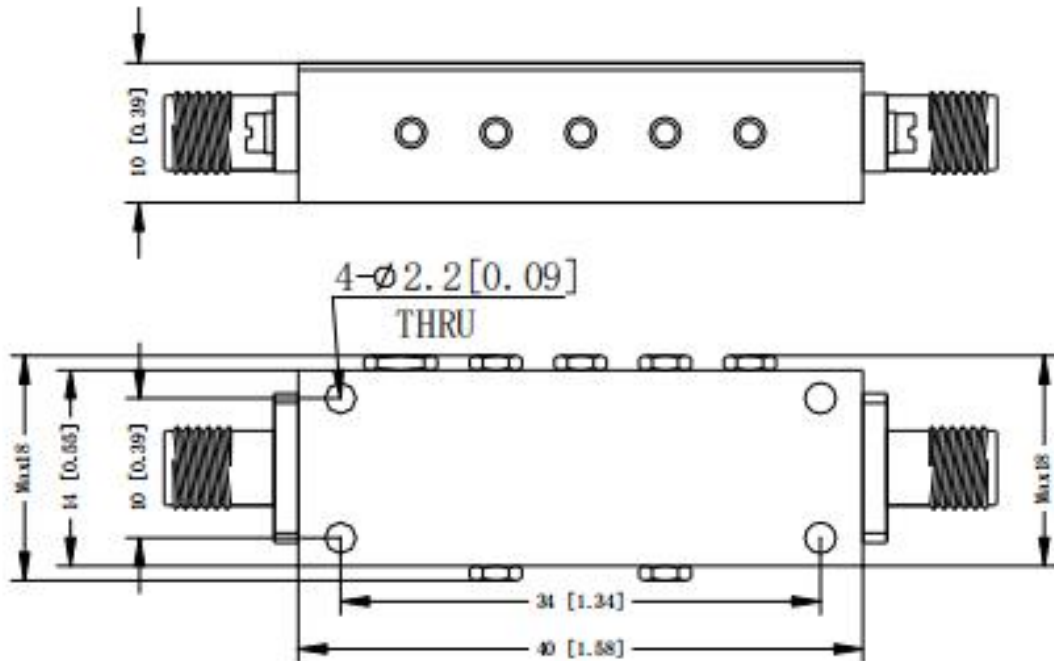
Parameter	Min	Typ	Max	Units
Passband Frequency range	6.9		7.1	GHz
Band Width			0.2	GHz
Passband Insertion Loss(全温)			1.8	dB
Pass Band Ripple			1.5	dB
Rejection	40dB@f0±500MHZ			dB
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

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-7G-200M-E	Coaxial Band-pass Filter, Passband frequency range: 6.9-7.1GHz, Insertion Loss: 1.8dB, SMA Female	Rev.1.0