

Coaxial Band-pass Filter

7.4-7.6GHz/ SMA Female

Model: TLBF-7G5-200M-E

TLBF-7G5-200M-E is a coaxial band-pass filter with a passband frequency from 7.4 to 7.6 GHz and a rejection frequencies at 8 GHz. The nominal insertion loss of the filter is 2.0 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range: 7.4 to 7.6 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

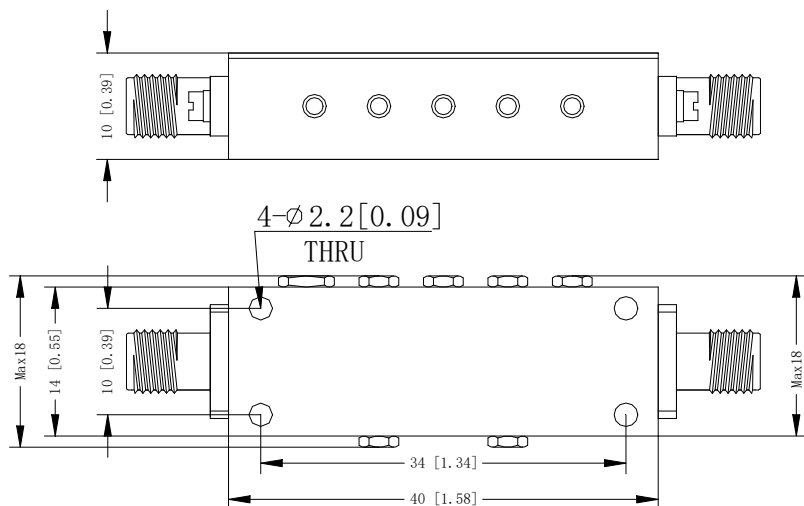
Parameter	Min	Typ	Max	Units
Passband Frequency range	7.4	7.5	7.6	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.3	dB
Rejection	>70dB@8000MHz			dB
Power Handling			15	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage 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-7G5-200M-E	Coaxial Band-pass Filter, Passband frequency range: 7.4 to 7.6GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0