

Coaxial Band-pass Filter

7.25-7.55GHz/ SMA Female

Model: TLBF-7G4-300M-E

TLBF-7G4-300M-E is a coaxial band-pass filter with a passband frequency from 7.25 to 7.55GHz and a rejection frequencies at 7.05GHz and 7.75GHz. The nominal insertion loss of the filter is 1.2 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 7.25 to 7.55GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

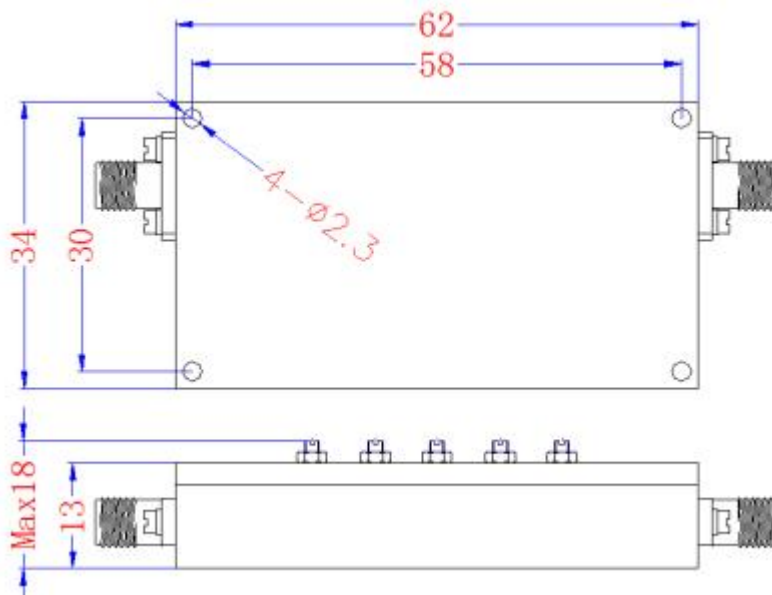
Parameter	Min	Typ	Max	Units
Passband Frequency range	7.25	7.4	7.55	GHz
Passband Insertion Loss			1.2	dB
Pass Band Ripple			1.0	dB
Rejection	>40dB@fc(边频)±200MHz			dB
Power Handling			50	W
Input VSWR			1.5	:1
Output VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage 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-7G4-300M-E	Coaxial Band-pass Filter, Passband frequency range: 7.25 to 7.55GHz, Passband Insertion Loss: 1.2dB, SMA Female	Rev.1.0