

Coaxial Band-pass Filter

5.83-6.47 GHz/SMA Female

Model: TBF-6150-640-C13

TBF-6150-640-C13 is a coaxial band-pass filter with a passband frequency from 5.83 to 6.47 GHz and a rejection frequencies from 5.415 GHz to 6.885 GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 65 dB.

Features:

- Passband Frequency Range 5.83 to 6.47 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

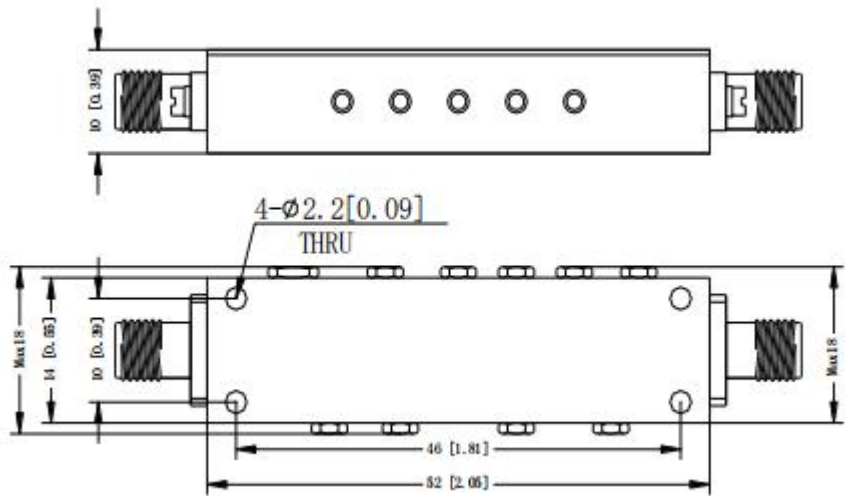
Parameter	Min	Typ	Max	Units
Passband Frequency range	5.83		6.47	GHz
Band Width			0.64	GHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>65dB@Fc(边频)±415MHz			
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating 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-6150-640-C13	Coaxial Band-pass Filter, Passband frequency range: 5.83-6.47GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0