

Coaxial Band-pass Filter

5.905-5.925GHz/SMA Female

Model: TLBF-5G915-20M-E

TLBF-5G915-20M-E is a coaxial band-pass filter with a passband frequency from 5.905 to 5.925 GHz and a rejection frequencies from 5.825 GHz to 6.005 GHz. The maximum insertion loss of the filter is 3.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 5.905 to 5.925 GHz
- High Rejection
- Steep Rejection Skirts
- Field Replaceable RF Connectors

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

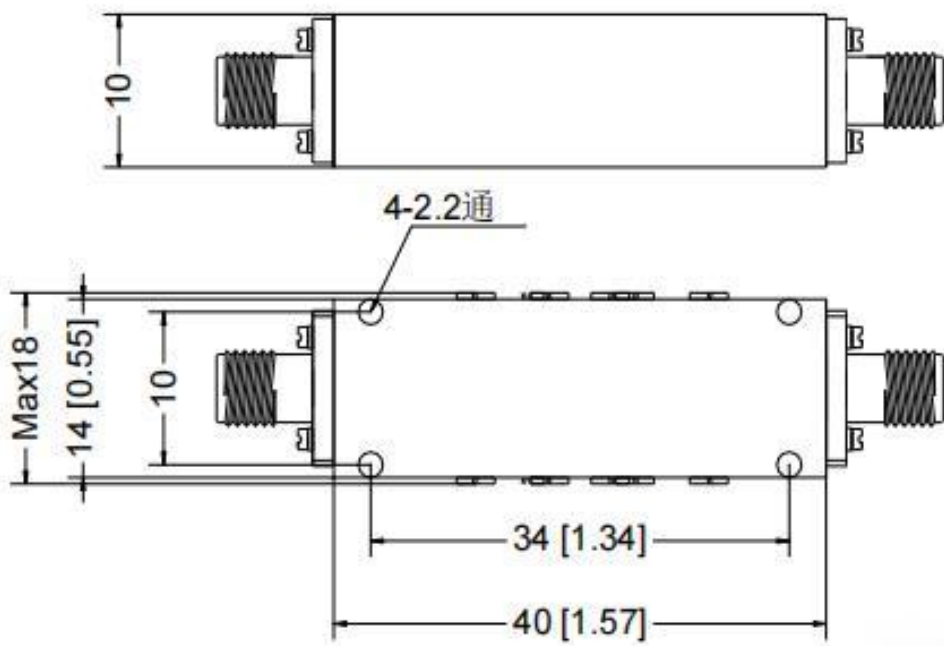
Parameter	Min	Typ	Max	Units
Passband Frequency range	5.905		5.925	GHz
Band Width			0.02	GHz
Psaaband Insertion Loss			3.0	dB
Pass Band Ripple	0.4			dB
Rejection	>40dB@Fc(边频)±80MHz			
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
操作温度 Operating Temerature	-40 To +70	°C
接口 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-5G915-20M-E	Coaxial Band-pass Filter, Passband frequency range: 5.905-5.925GHz, Insertion Loss: 3.0dB, SMA Female	Rev.1.0