

Coaxial Band-pass Filter

2.7-3.1 GHz/N Female

Model: TLBF-2G7-3G1-EN

TLBF-2G7-3G1-EN is a coaxial band-pass filter with a passband frequency from 2.7 to 3.1 GHz and a rejection frequencies from DC-2.3GHz and 3.5 GHz. The maximum insertion loss of the filter is 0.8 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 2.7 to 3.1 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

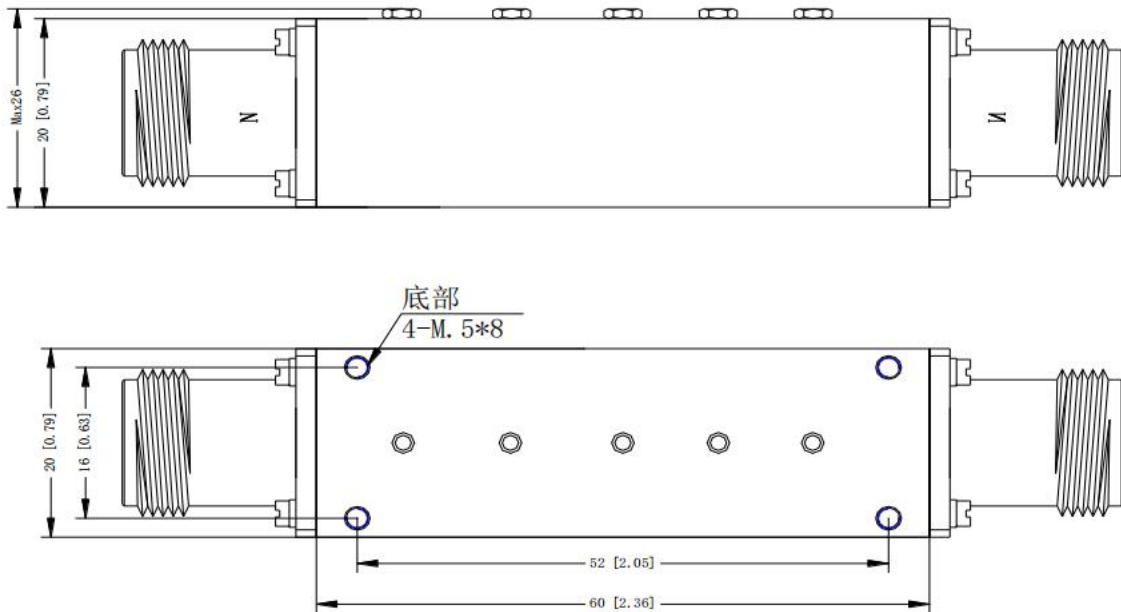
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.7		3.1	GHz
Band Width			0.4	GHz
Passband Insertion Loss			0.8	dB
Pass Band Ripple			0.6	dB
Rejection	>50dB@DC-2.3GHz 3.5Ghz			
Power Handling			50	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	N Female	

Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-2G7-3G1-EN	Coaxial Band-pass Filter, Passband frequency range: 2.7-3.1GHz, Passband Insertion Loss: 0.8dB, N Female	Rev.1.0