

Coaxial Band-pass Filter

3-5.3GHz/ SMA Female

Model: TLBF-3G-5G3-S

TLBF-3G-5G3-S is a coaxial band-pass filter with a passband frequency from 3 to 5.3 GHz and a rejection frequencies from 7 to 9.8GHz. The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 100 dB.

Features:

- Passband Frequency Range 3 to 5.3GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

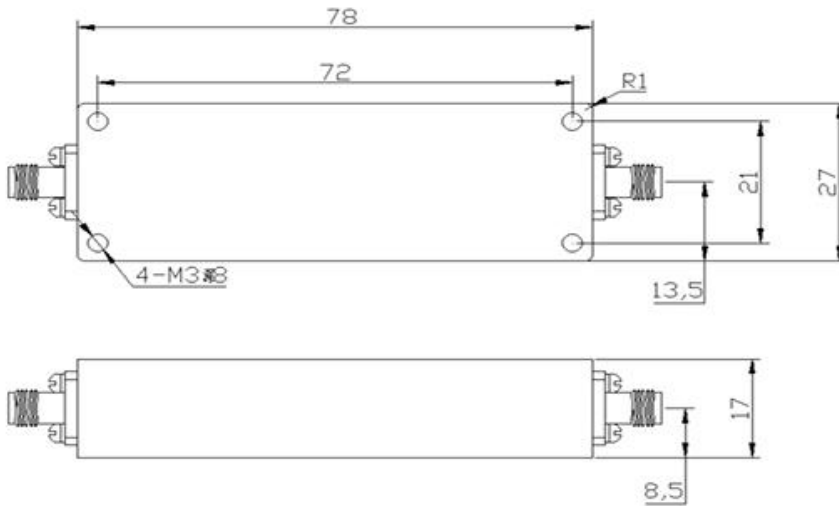
Parameter		Min	Typ	Max	Units
Passband Frequency range		3		5.3	GHz
Passband Insertion Loss				1.0	dB
Rejection		>100dB@7-9.8GHz			dB
Power Handling				40	W
PIM		130			dBc
VSWR	3-5.3			1.8	:1
	3.5-4.9			1.4	:1
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-45 To +70	°C
Storage Temperature	-45 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-3G-5G3-S	Coaxial Band-pass Filter, Passband frequency range: 3 to 5.3GHz , Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0