

Coaxial Band-pass Filter

1600-2000 MHz/SMA Female

Model: TLBF-1600M-2000M-S

TLBF-1600M-2000M-S is a coaxial band-pass filter with a passband frequency from 1600 to 2000 MHz and a rejection frequencies point at 3.82 GHz. The maximum insertion loss of the filter is 1.8 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 1600 to 2000 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

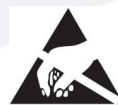
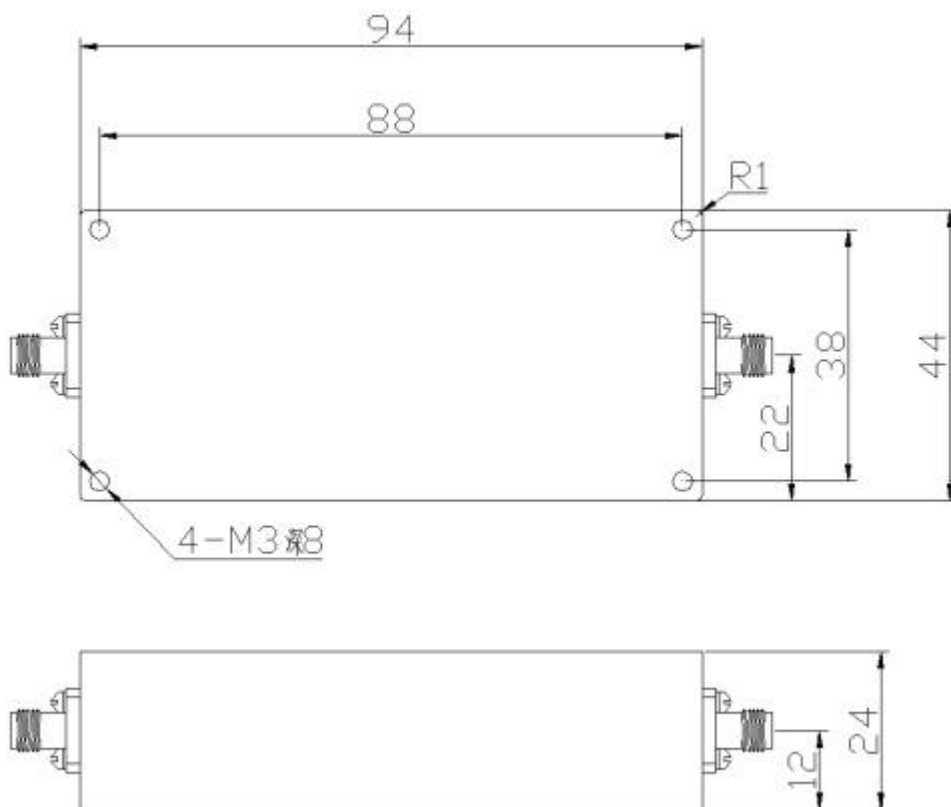
Parameter		Min	Typ	Max	Units
Passband Frequency range		1600		2000	MHz
Passband Insertion Loss				1.8	dB
Pass Band Ripple				1.0	dB
VSWR				1.7	:1
Rejection	@3.82GHz	70			dB
	@5.43GHz	50			dB
Power Handling		50			W
Impedance		50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-30 To +60	°C
Finish	Black spray paint	
Connectors	SMA Female	
Size	24*44*94	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1600M-2000M-S	Coaxial Band-pass Filter, Passband frequency range: 1600-2000MHz, Passband Insertion Loss: 1.8dB, SMA Female	Rev.1.0

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.