Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Coaxial Band-pass Filter

3.3-3.8 GHz/SMA Female

Model: TLBF-3300-3800-S-100W

TLBF-3300-3800-S-100W is a coaxial band-pass filter with a passband frequency from 3.3 to 3.8 GHz and a rejection frequencies from DC-2.7 GHz and 4.5-6 GHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 70 dB.

Features:

- Passband Frequency Range 3.3 to 3.8 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	3.3		3.8	GHz
Passband Insertion Loss			0.5	dB
Rejection	≥70dB@DC-2700MHz&4500-6000MHz			
Power Handling			100	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Storage temperature	-55 To +85	℃
Connectors	SMA-Female	

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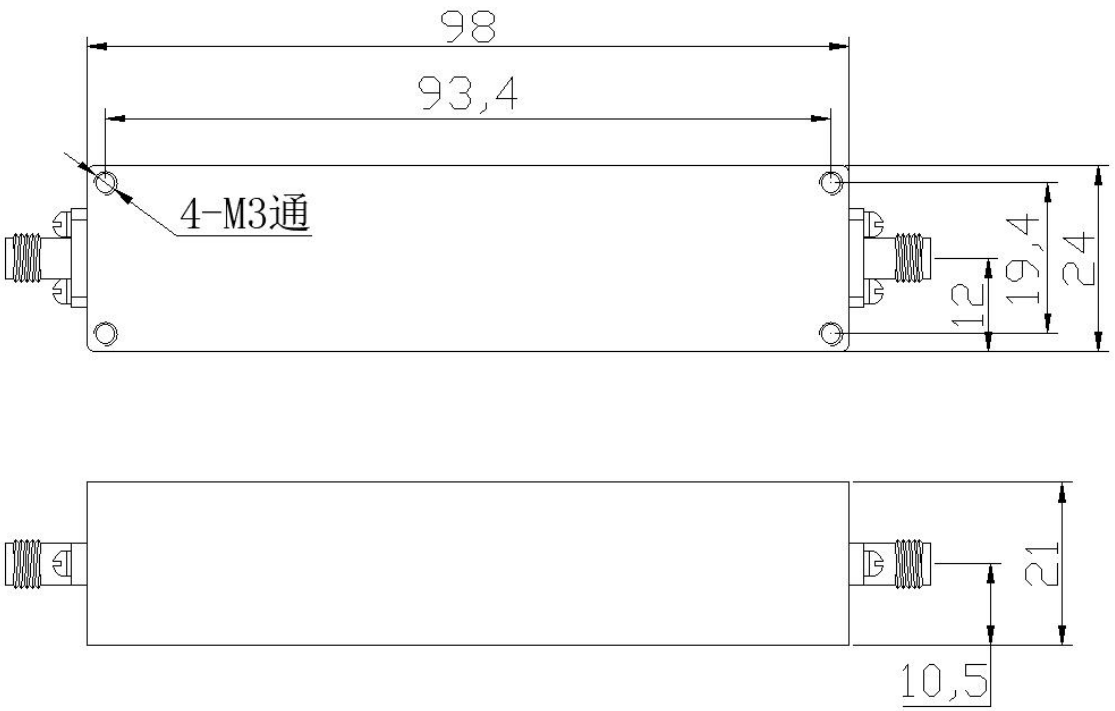
Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-3300-3800-S-100W	Coaxial Band-pass Filter,Passband frequency range:3.3-3.8GHz,Passband Insertion Loss:0.5dB, SMA Female	Rev.1.0

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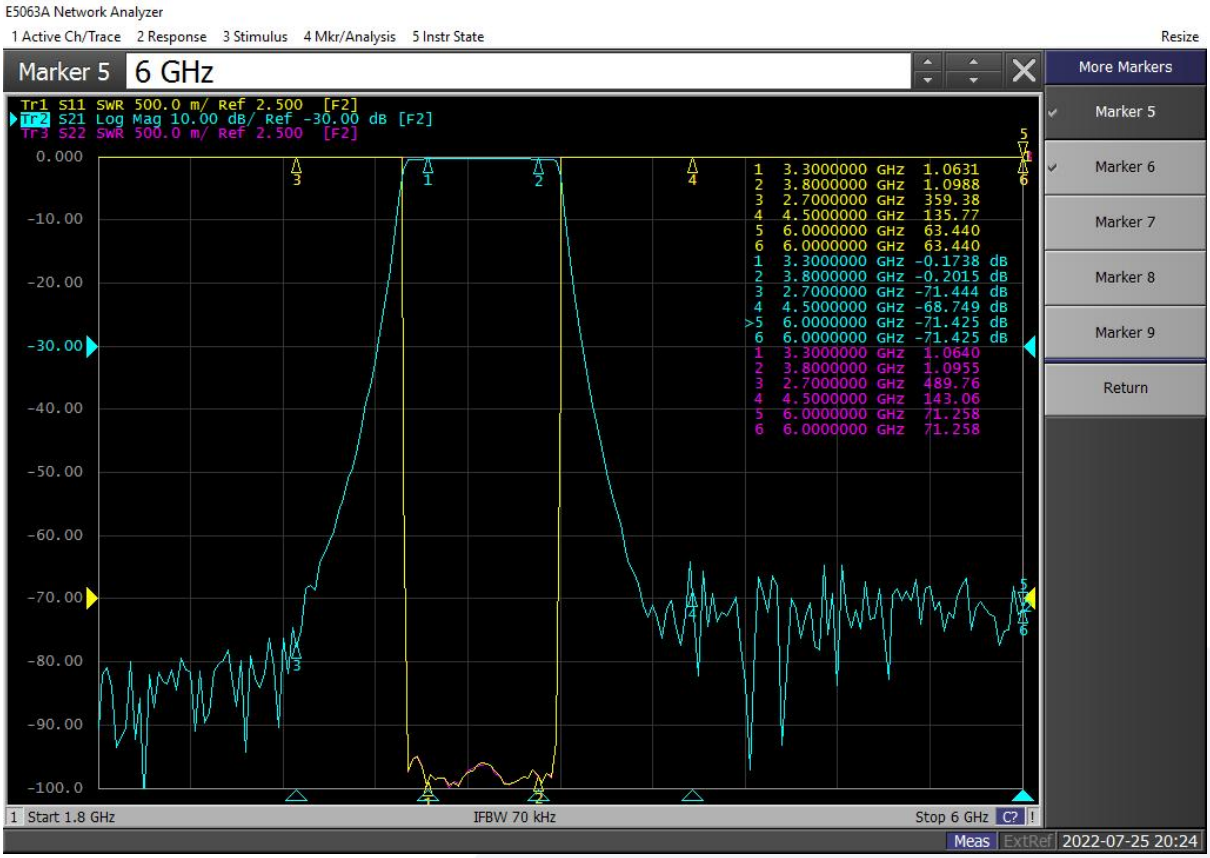
Typical Performance Data:



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.