Suzhou Talent Microwave,Inc
sales@talentmw.com
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Coaxial Band-pass Filter

6.794-6.874 GHz/SMA Female

Model: TLBF-6G834-80M-E

TLBF-6G834-80M-E is a coaxial band-pass filter with a passband frequency from 6.794 to 6.874 GHz and a rejection frequencies @6.7 GHz and 7 GHz. The maximum insertion loss of the filter is 2.0 dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 6.794 to 6.874 GHz
- Low Insertion Loss
- 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	6.794		6.874	GHz
Band Width			0.08	GHz
Psaaband Insertion Loss			2.0	dB
Pass Band Ripple			1.8	dB
Rejection		>30dB@6.7Ghz 7GHz		dB
Power Handling			15	W
VSWR			1.5	:1
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	℃
Connectors	SMA Female	

泰莱微波
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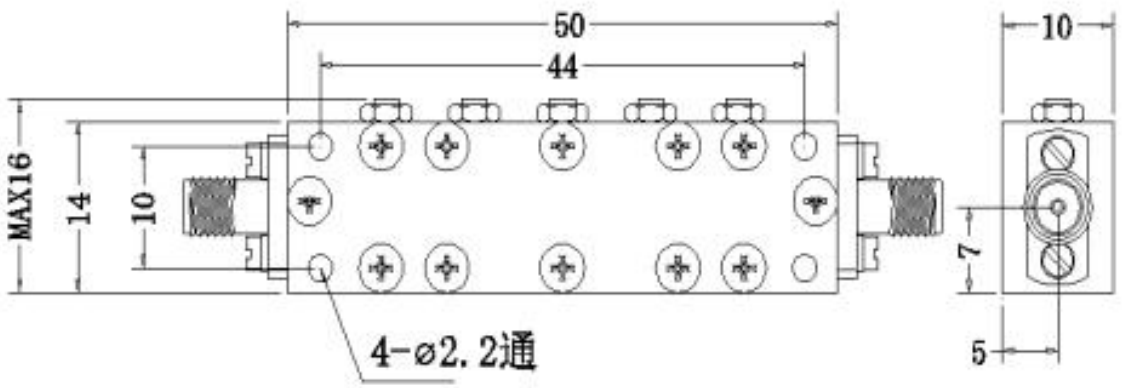
Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-6G834-80M-E	Coaxial Band-pass Filter,Passband frequency range:6.794-6.874GHz,Insertion Loss:2.0dB, SMA Female	Rev.1.0

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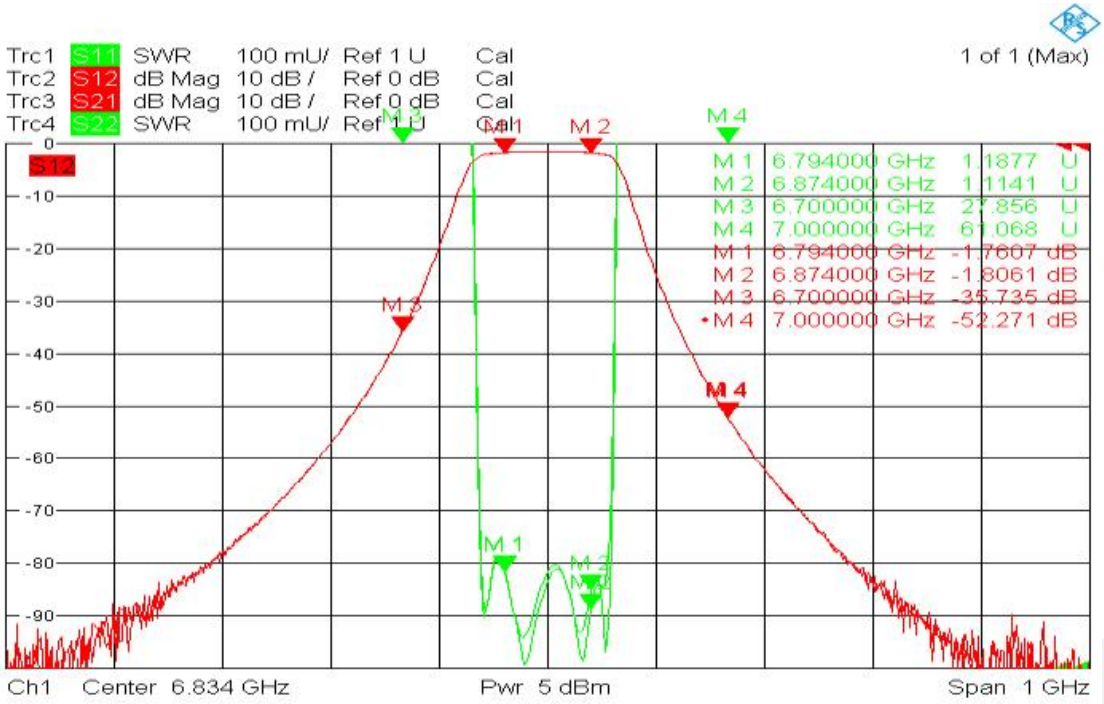
Typical Performance Data:



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