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

2.851-2.861GHz/ SMA Female

Model: TLBF-2G856-10M-E4

TLBF-2G856-10M-E4 is a coaxial band-pass filter with a passband frequency from 2.851 to 2.861GHz and a rejection frequencies at 2.806GHz and 2.906GHz. The nominal insertion loss of the filter is 2.0dB and the typical rejection is 60 dB.

Features:

- Passband Frequency Range 2.851 to 2.861GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	2.851		2.861	GHz
Passband Insertion Loss		1.8	2.0	dB
Pass Band Ripple			1.6	dB
Rejection		> 60dB@fo±50MHz		dB
Power Handling			15	W
Input VSWR			1.4	:1
Output VSWR			1.4	:1
Impedance		50		Ohms

Envrionmental And Physical Characteristics:

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

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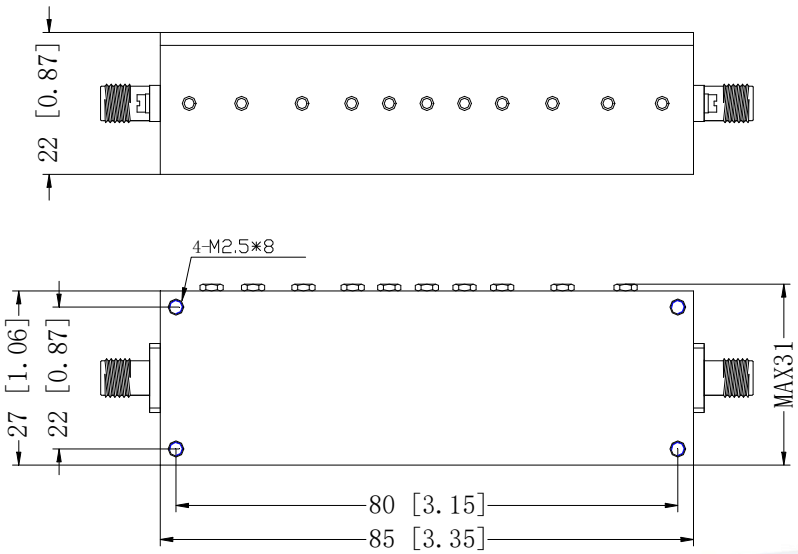
Outline Drawing:

Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G856-10M-E4	Coaxial Band-pass Filter,Passband frequency range:2.851 to 2.861GHz ,Passband Insertion Loss:2.0dB, SMA Female	Rev.1.0

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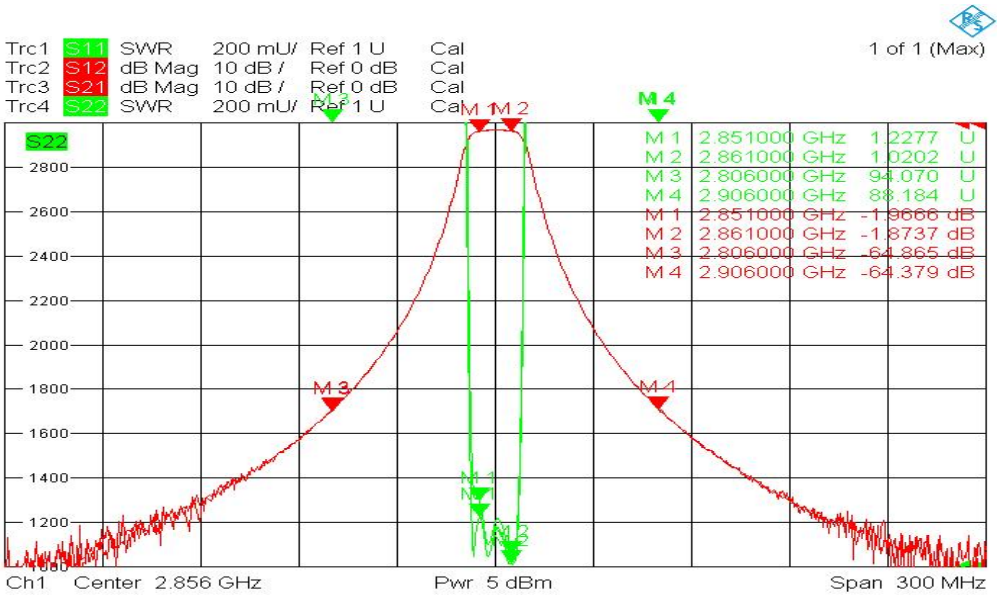
Typical Performance Data:



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