

Coaxial Band-pass Filter

2.95-3.05 GHz/SMA Female

Model: TLBF-3G-100M-E3

TLBF-3G-100M-E3 is a coaxial band-pass filter with a passband frequency from 2.95 to 3.05 GHz and a rejection frequencies @2.75 GHz and 3.25 GHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 50 dB.

Features:

- Passband Frequency Range 2.95 to 3.05 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

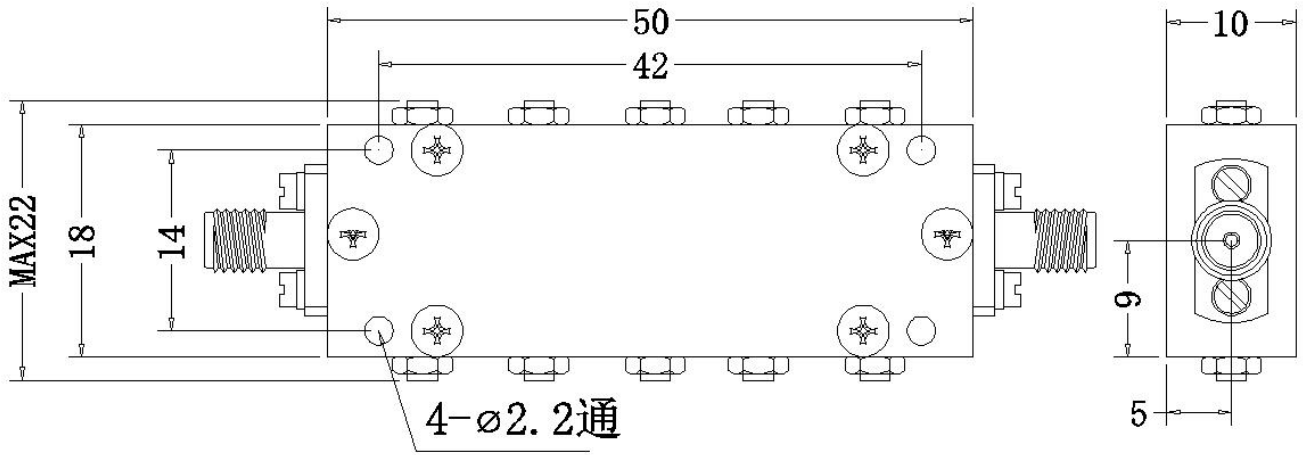
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.95		3.05	GHz
Band Width			0.1	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple			1.3	dB
Rejection	>50dB@2750&3250Mhz			
Power Handling			15	W
VSWR			1.5	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
操作温度 Operating Temerature	-40 To +70	°C
接口 Connectors	SMA Female	

Outline Drawing:

Unit:mm

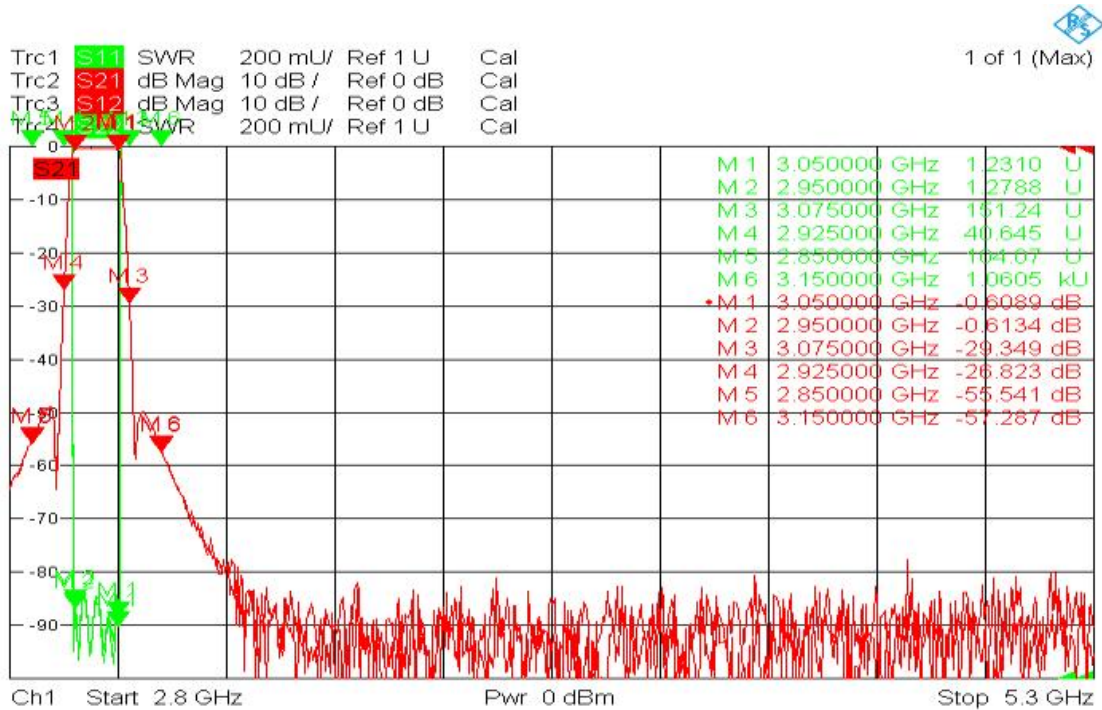


ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TLBF-3G-100M-E3	Coaxial Band-pass Filter, Passband frequency range: 2.95-3.05GHz, Passband Insertion Loss: 1.5dB, 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.