

Coaxial Band-pass Filter

2.2-2.4 MHz/SMA Female

Model: TLBF-2G3-200M-E3

TLBF-2G3-200M-E3 is a coaxial band-pass filter with a passband frequency from 2.2 to 2.4 MHz and a rejection frequencies from DC to 2.1 GHz and point at 2.5 GHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 2.2 to 2.4 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

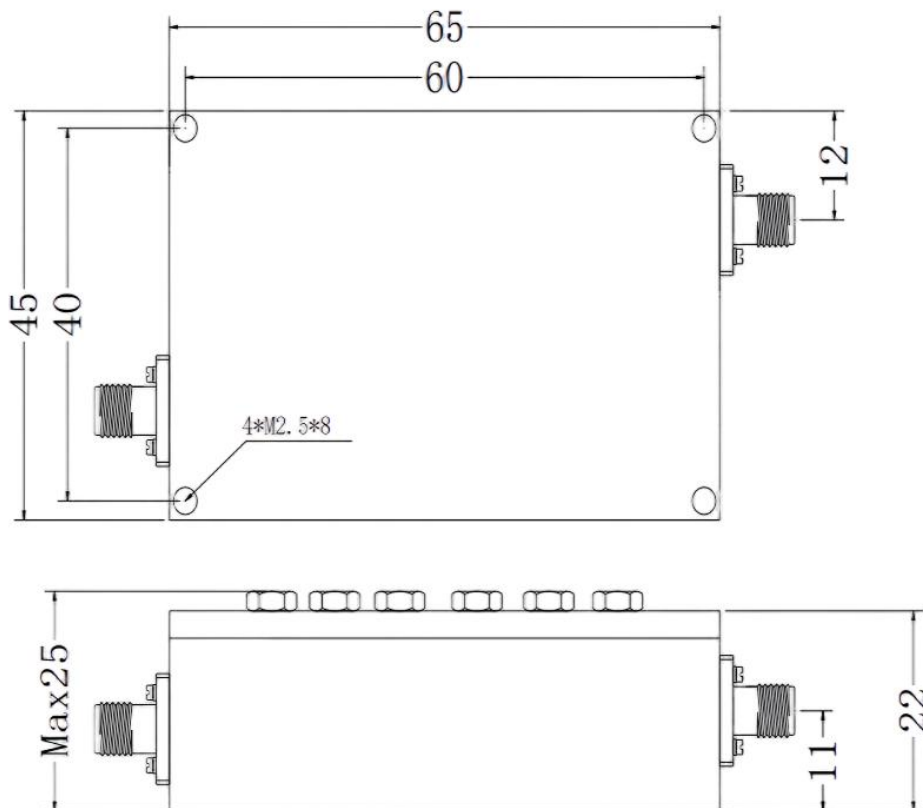
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.2		2.4	MHz
Band Width			200	MHz
Passband Insertion Loss			0.5	dB
Pass Band Ripple			0.4	dB
VSWR			1.4	:1
Rejection@DC-2.1&2.5GHz	40			dB
Power Handling			30	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-30 To +120	°C
Connectors	SMA Female	
Size	22*45*65	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G3-200M-E3	Coaxial Band-pass Filter, Passband frequency range: 2.2-2.4MHz, Passband Insertion Loss: 0.5dB, SMA Female	Rev.1.0