

Coaxial Band-pass Filter

2215-2255 MHz/SMA Female

Model: TLBF-2G235-40M-E

TLBF-2G235-40M-E is a coaxial band-pass filter with a passband frequency from 2215 to 2255 MHz and a rejection frequencies at $f_0 \pm 85$ MHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 2215 to 2255 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

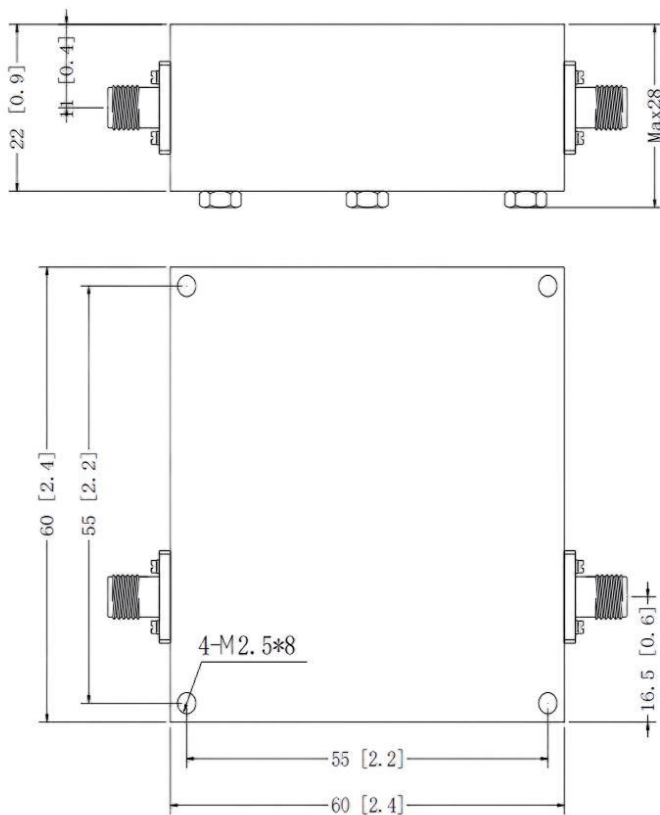
Parameter	Min	Typ	Max	Units
Passband Frequency range	2215		2255	MHz
Band Width			40	MHz
Insertion Loss(f_0)			0.5	dB
Pass Band Ripple			0.3	dB
VSWR			1.6	:1
Rejection@ $f_0 \pm 85$ MHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	22*60*60	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G235-40M-E	Coaxial Band-pass Filter, Passband frequency range: 2215-2255MHz, Insertion Loss(f0): 0.5dB, SMA Female	Rev.1.0