

Coaxial Band-pass Filter

2170-2200 MHz/SMA Female

Model: TLBF-2G185-30M-E

TLBF-2G185-30M-E is a coaxial band-pass filter with a passband frequency from 2170 to 2200 MHz and a rejection frequencies point at 2140 MHz and 2230 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 30 dB.

Features:

- Passband Frequency Range 2170 to 2200 MHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

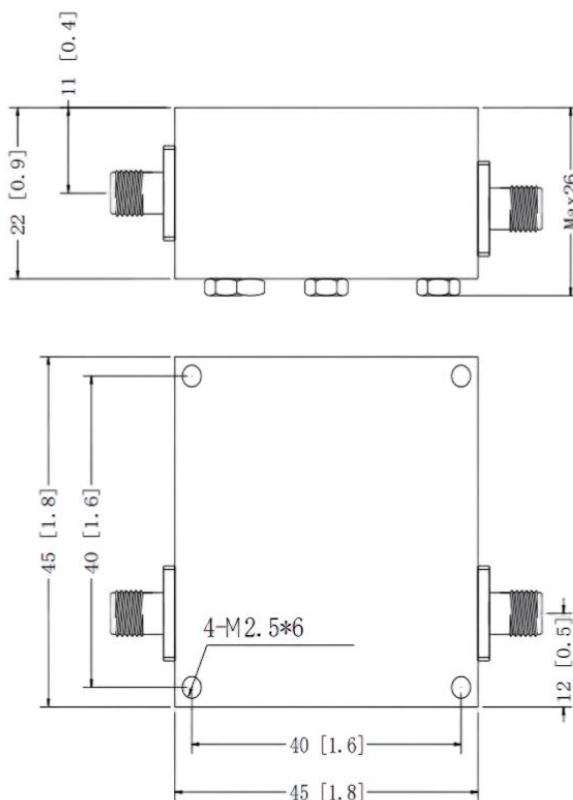
Parameter	Min	Typ	Max	Units
Passband Frequency range	2170		2200	MHz
Band Width			30	MHz
Insertion Loss(f0)			1.0	dB
Pass Band Ripple			0.8	dB
VSWR			1.6	:1
Rejection@2140MHz&2230MHz	30			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	22*45*45	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-2G185-30M-E	Coaxial Band-pass Filter, Passband frequency range: 2170-2200MHz, Insertion Loss(f0): 1.0dB, SMA Female	Rev.1.0