

Coaxial Band-pass Filter

Center Frequency 1.2 GHz/SMA Female

Model: TLBF-1G2-180M-E

TLBF-1G2-180M-E is a coaxial band-pass filter with a passband center frequency at 1.2 GHz and a rejection frequencies from DC to 1000 MHz and from 1400 to 2500 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 30 dB.

Features:

- Passband Center Frequency 1.2 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

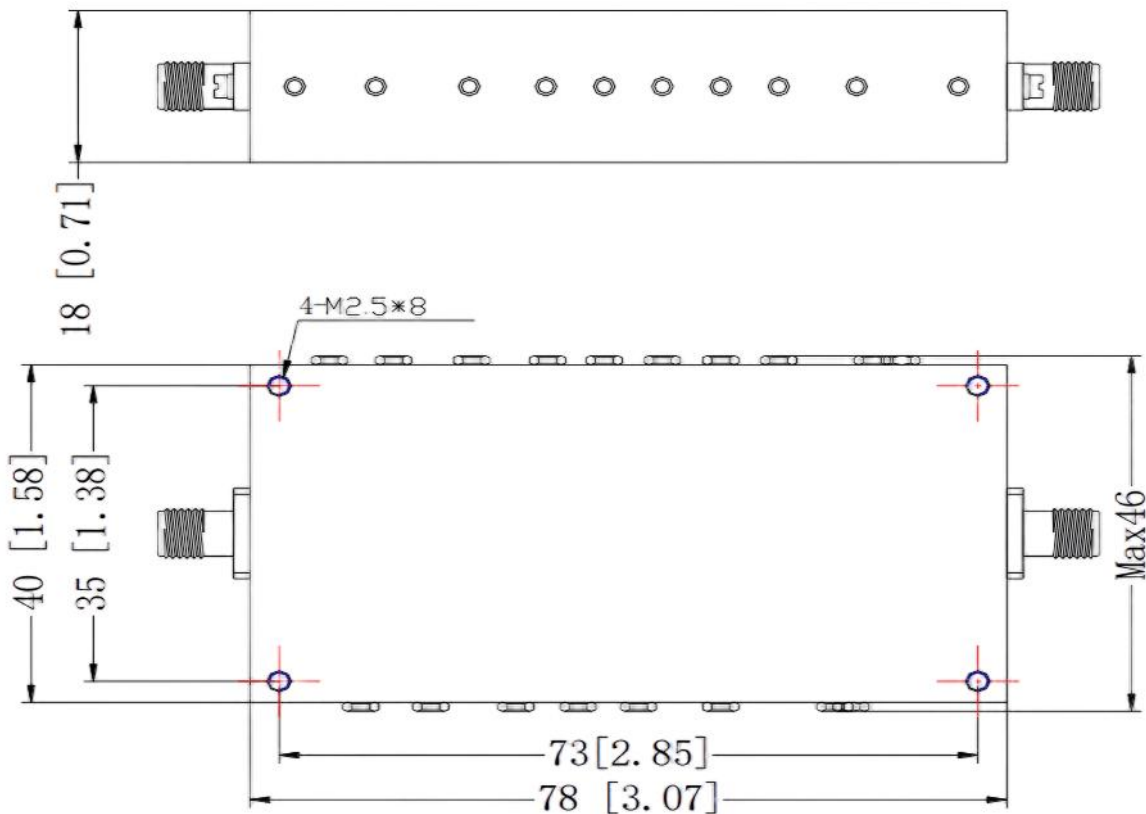
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Passband Frequency range	1.11		1.29	GHz
Band Width			180	MHz
Passband Insertion Loss		0.8	1.0	dB
Pass Band Ripple			0.8	dB
VSWR			1.6	:1
Rejection@DC-1000MHz&1400-2500MHz	30			dB
Power Handling			15	W
Impedance	50			Ohms

Environmental And Physical Characteristics:

Description	Parameter	Units
Operating Temperature	-40 To +70	°C
Connectors	SMA Female	
Size	18*40*78	mm

Outline Drawing: Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G2-180M-E	Coaxial Band-pass Filter, Passband center frequency: 1.2GHz, Passband Insertion Loss: 1.0dB, SMA Female	Rev.1.0