

Coaxial Band-pass Filter

0.98-1.02 GHz/SMA Female

Model: TLBF-1G-40M-E

TLBF-1G-40M-E is a coaxial band-pass filter with a passband frequency from 0.98 to 1.02 GHz and a rejection frequencies from DC to 920 MHz and from 1080 to 2800 MHz. The maximum insertion loss of the filter is 1.0 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency Range 0.98 to 1.02 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

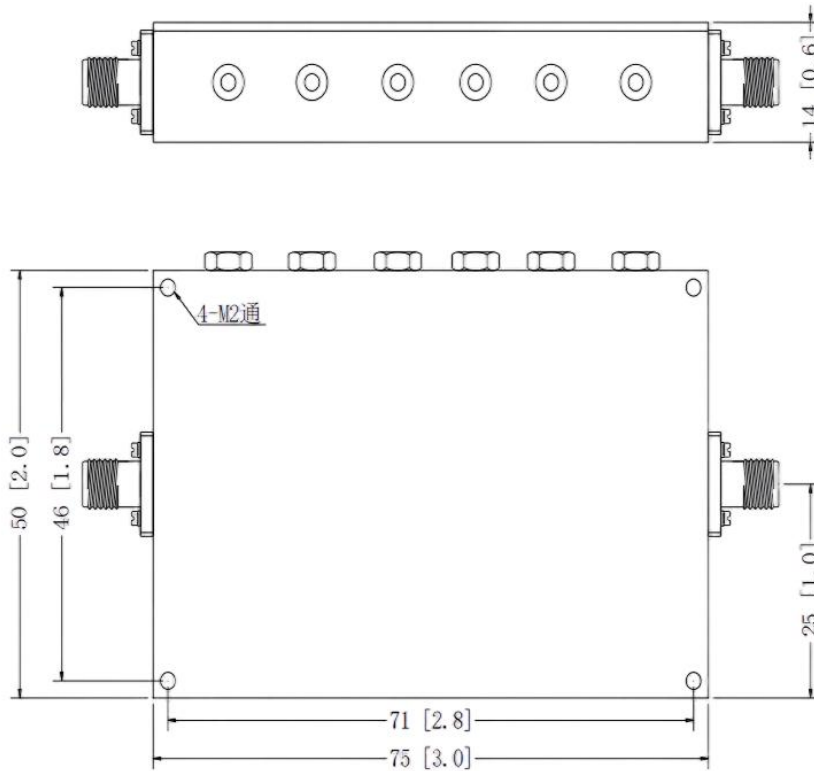
Parameter	Min	Typ	Max	Units
Passband Frequency range	0.98		1.02	GHz
Band Width			40	MHz
Passband Insertion Loss			1.0	dB
Pass Band Ripple			0.6	dB
VSWR			1.5	:1
Rejection@DC-920MHz&1080-2800MHz	40			dB
Power Handling			10	W
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Connectors	SMA Female	
Size	14*50*75	mm

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-1G-40M-E	Coaxial Band-pass Filter,Passband frequency range:0.98-1.02GHz,Passband Insertion Loss:1.0dB, SMA Female	Rev.1.0