

Coaxial Band-pass Filter

2.38-2.42GHz/ SMA Female

Model: TLBF-2G4-40M-L

TLBF-2G4-40M-L is a coaxial band-pass filter with a passband frequency from 2.38 to 2.42GHz and a rejection frequencies from at 2.12GHz and 2.68GHz. The nominal insertion loss of the filter is 3.5dB and the typical rejection is 40dB.

Features:

- Passband Frequency Range 2.38 to 2.42GHz
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

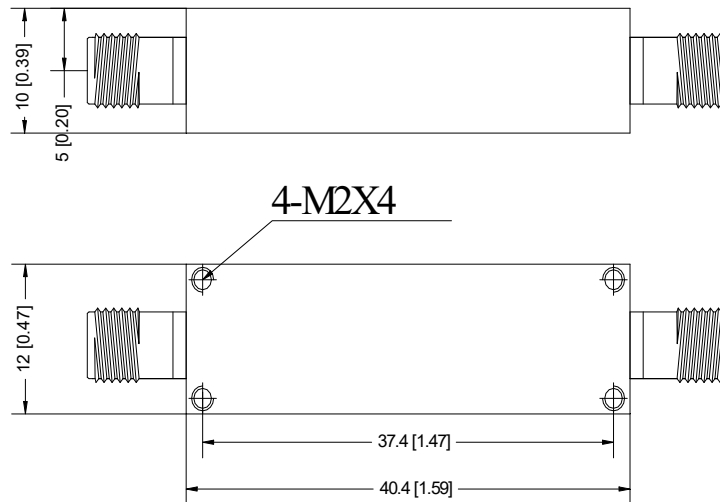
Parameter	Min	Typ	Max	单位Units
Passband Frequency range	2.38		2.42	GHz
Passband Insertion Loss			3.5	dB
Pass Band Ripple			2.8	dB
Rejection	>40dB@Fc±260MHz			dB
Power Handling			2	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Storage Temperature	-40 to +70	°C
Connectors	SMA Female	

Outline Drawing:

Unit:mm;



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

Ordering Information:

Base Number	Description	Revision
TTLBF-2G4-40M-L	Coaxial Band-pass Filter, Passband frequency range: 2.38 to 2.42GHz , Passband Insertion Loss: 3.5dB, SMA Female	Rev.1.0