

Coaxial Band-pass Filter

2.375-2.625GHz/ SMA Female

Model: TLBF-2G5-5-E

TLBF-2G5-5-E is a coaxial band-pass filter with a passband frequency from 2.375 to 2.625GHz and a rejection frequencies from 0 to 1.75GHz and at 3.5GHz. The nominal insertion loss of the filter is 1.0dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 2.375 to 2.625GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

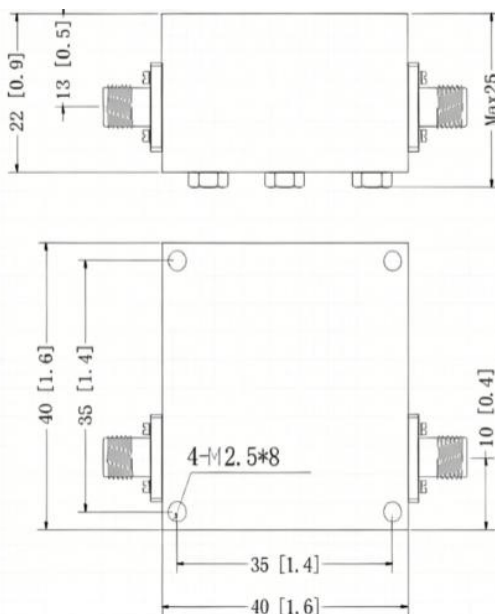
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.375		2.625	GHz
Insertion Loss (f_o)			1.0	dB
Pass Band Ripple			0.8	dB
Rejection	>40dB@DC-1750MHz 3500MHz			dB
Power Handling			10	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

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
TLBF-2G5-5-E	Coaxial Band-pass Filter, Passband frequency range: 2.375 to 2.625GHz , Insertion Loss (fo) : 1.0dB, SMA Female	Rev.1.0