

Coaxial Band-pass Filter

3-4.0625GHz/ SMA Female

Model: TLBF-3G53125-1G0625-E

TLBF-3G53125-1G0625-E is a coaxial band-pass filter with a passband frequency from 3 to 4.0625GHz and a rejection frequencies at 2.03125GHz and 4.5 GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 3 to 4.0625GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

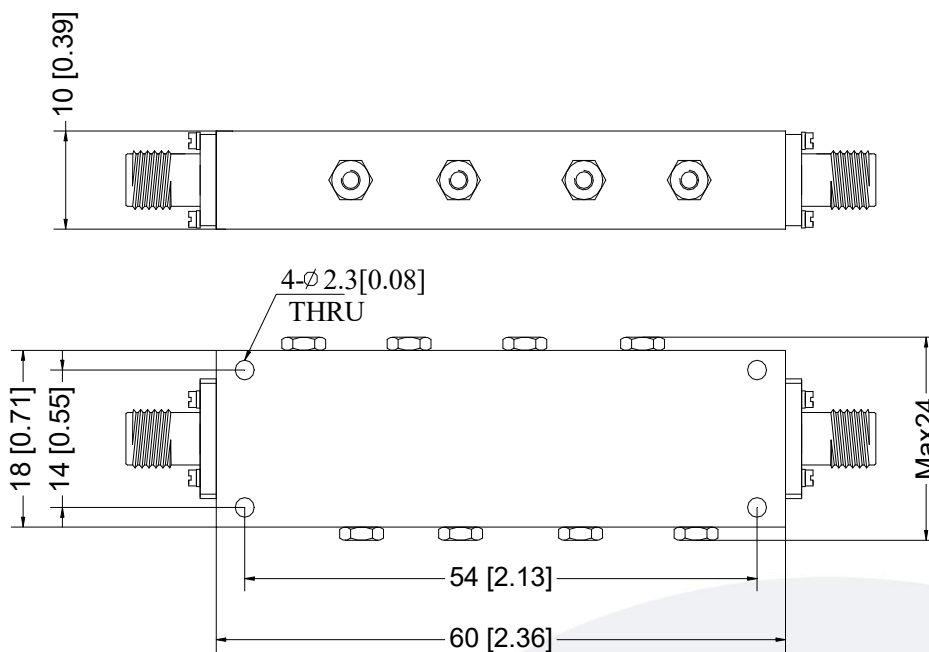
Parameter	Min	Typ	Max	Units
Passband Frequency range	3		4.0625	GHz
Insertion Loss			1.5	dB
Pass Band Ripple	1.2			dB
Rejection	>70dB@DC-2031.25Mhz >60dB@4500Mhz			dB
Power Handling			15	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

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-3G53125-1G0625-E	Coaxial Band-pass Filter, Passband frequency range: 3 to 4.0625 GHz, Passband Insertion Loss: 1.5 dB, SMA Female	Rev.1.0