

Coaxial Band-pass Filter

2.7125-3.8375 GHz/SMA Female

Model: TLBF-3G275-1G125-E

TLBF-3G275-1G125-E is a coaxial band-pass filter with a passband frequency from 2.7125 to 3.8375 GHz and a rejection frequencies from DC-1918.75 MHz. The maximum insertion loss of the filter is 1.5 dB and the typical rejection is 70 dB.

Features:

- Passband Frequency Range 2.7125 to 3.8375 GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

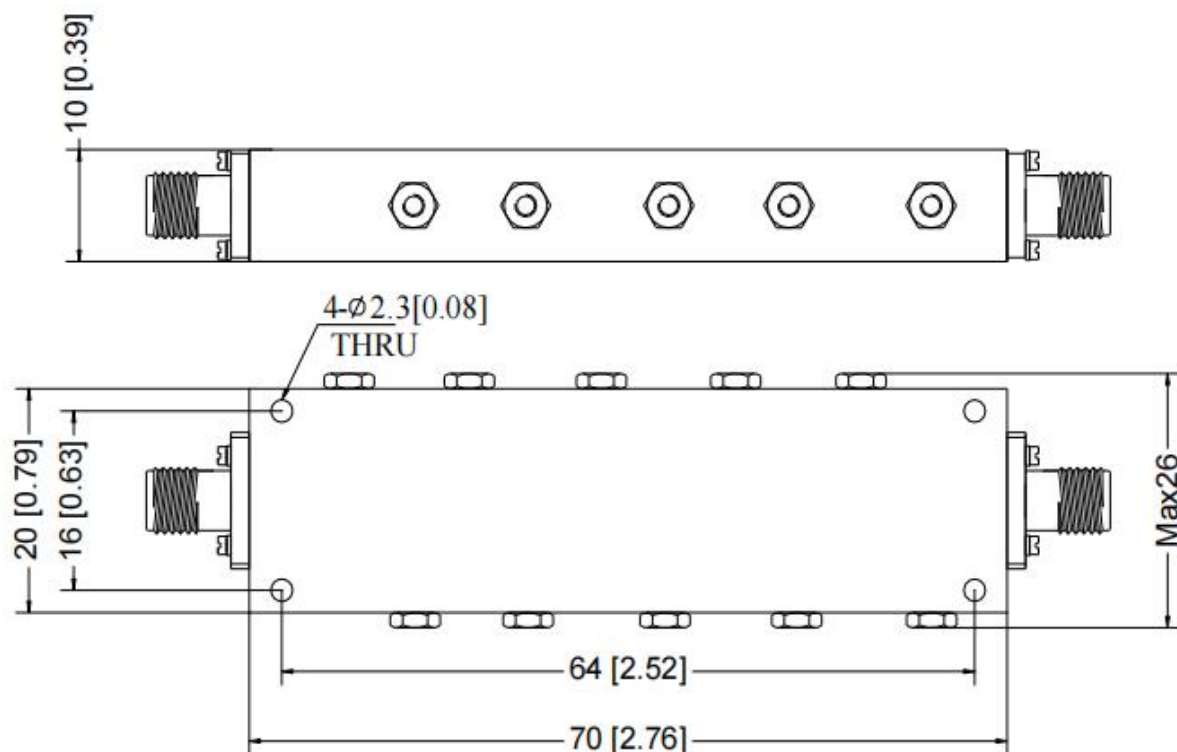
Parameter	Min	Typ	Max	Units
Passband Frequency range	2.7125		3.8375	GHz
Band Width			1.125	GHz
Passband Insertion Loss			1.5	dB
Pass Band Ripple	1.2			dB
Rejection	Dc-1918.75MHz > 70dbc 4068.75MHz > 60dbc			
Power Handling			15	W
VSWR			1.6	:1
Impedance	50			Ohms

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-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-3G275-1G125-E	Coaxial Band-pass Filter, Passband frequency range: 2.7125-3.8375GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0