

Coaxial Band-pass Filter

3.3-3.8GHz/ SMA Female

Model: TLBF-3G54-120M-E

TLBF-3G54-120M-E is a coaxial band-pass filter with a passband frequency from 3.48 to 3.6GHz and a rejection frequencies at 2.85GHz and 3.85GHz. The nominal insertion loss of the filter is 1.5dB and the typical rejection is 20dB.

Features:

- Passband Frequency Range 3.48 to 3.6GHz
- Low Insertion Loss
- High Rejection
- Steep Rejection Skirts

Applications:

- Instrumentations
- Radar Systems
- System Integrations

Electrical Characteristics:

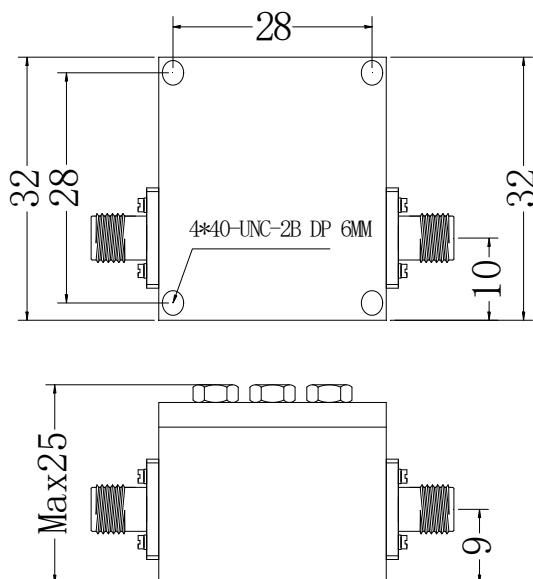
Parameter	Min	Typ	Max	Units
Passband Frequency range	3.48	3.54	3.6	GHz
Insertion Loss (f_o)			1.5	dB
Pass Band Ripple			1.4	dB
Rejection	>20dB@dc-2850MHz 3850MHz			dB
Power Handling			50	W
Input VSWR			1.6	:1
Output VSWR			1.6	:1
Impedance	50			Ohms

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-3G54-120M-E	Coaxial Band-pass Filter, Passband frequency range: 3.48 to 3.6GHz, Passband Insertion Loss: 1.5dB, SMA Female	Rev.1.0