

Waveguide Bandpass Filter

WR-75/10.7-12.7GHz

Model: TLBF-10.7G12.7G-60

TLBF-10.7G12.7G-60 is a waveguide bandpass filter with a passband frequency from 10.7 to 12.7 GHz and a rejection frequency from 14 to 14.5 GHz. The maximum insertion loss of the filter is 0.5 dB and the minimum rejection is 60 dB.

Features:

- Passband Frequency Range 10.7 to 12.7 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

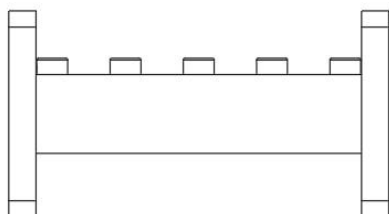
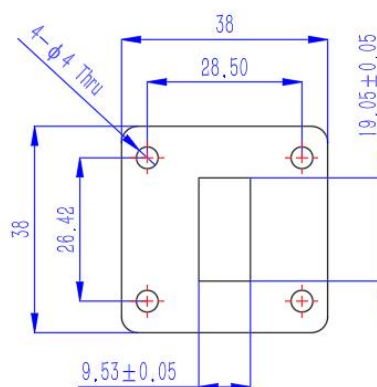
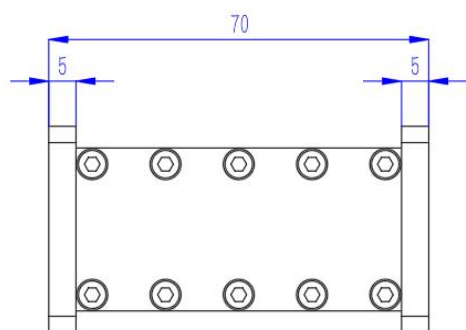
Parameter		Min	Typ	Max	Units
Passband Frequency range		10.7		12.7	GHz
Passband Width			2		GHz
Passband Insertion Loss				0.5	dB
Rejection	@ 14-14.5GHz	60			dBc
VSWR				1.3	:1

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Waveguide	WR-75	
Size	70*38*38	mm

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

Ordering Information:

Base Number	Description	Revision
TLBF-10.7G12.7G-60	Waveguide Bandpass Filter,10.7-12.7GHz, Insertion Loss:0.5dB, Rejection:60dB@14-14.5GHz,WR-75	Rev.1.0