Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Waveguide Bandpass Filter

WR-12/67-84GHz

Model: TLBF-6784-30

TLBF-6784-30 is a waveguide bandpass filter with a passband frequency from 67 to 84 GHz and a rejection frequency from DC to 58GHz and 89 to 170 GHz. The nominal insertion loss of the filter is 1.0 dB and the minimum rejection is 30 dB.

Features:

- Passband Frequency Range 67 to 84 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		67		84	GHz
Passband Width			16		GHz
Return Loss			-18	-15	dB
Passband Insertion Loss			1.0	1.5	dB
Rejection	@DC-58GHz	30			dB
	@89-170GHz	30			

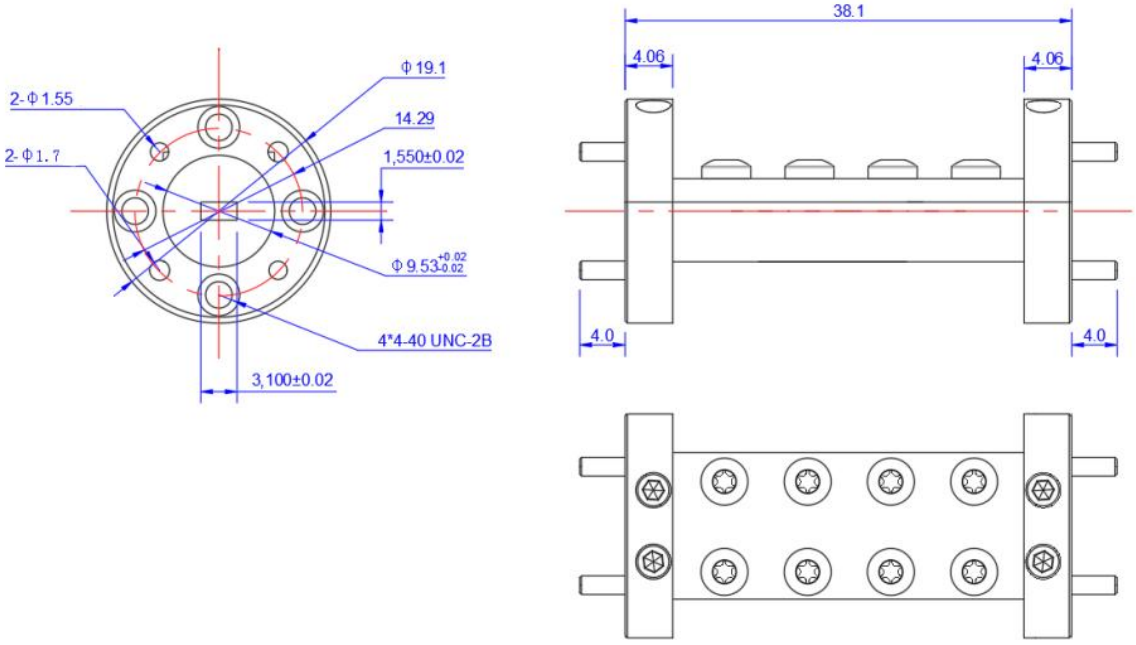
Envrionmental And Physical Characteristics:

Parameter	Value	Units
Operating Temerature	-40 to +85	℃
Waveguide	WR-12/UG-387/U-M	

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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-6784-30	Waveguide Bandpass Filter,67-84GHz,Insertion Loss:1.0dB, Rejection:30dB@DC-58GHz&89-170GHz,WR-12/UG-387/U-M	Rev.1.1