

Waveguide Bandpass Filter

WR-10/84-110GHz

Model: TLBF-84110-30

TLBF-84110-30 is a waveguide bandpass filter with a passband frequency from 84 to 110 GHz and a rejection frequency from 116 to 220 GHz. The nominal insertion loss of the filter is 1.0 dB and the typical rejection is 30 dB.

Features:

- Passband Frequency Range 84 to 110 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

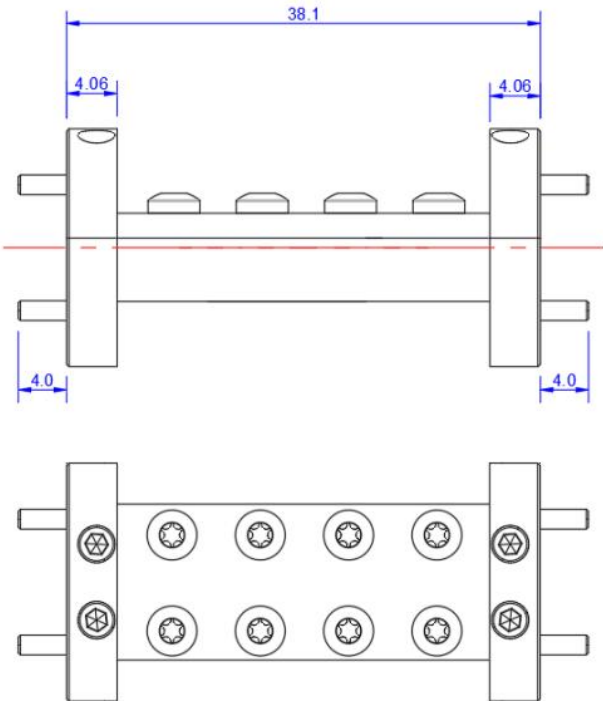
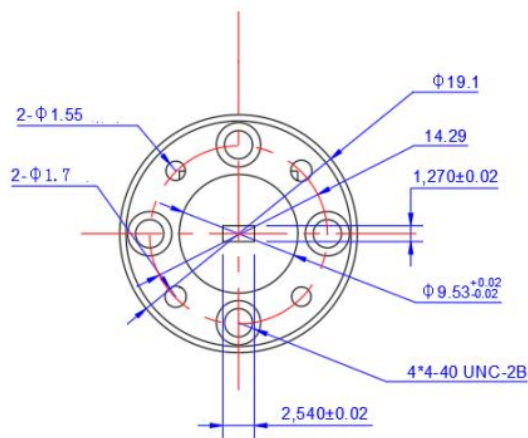
Parameter		Min	Typ	Max	Units
Passband Frequency range		84		110	GHz
Passband Width			26		GHz
Ruturn Loss			-18	-15	dB
Passband Insertion Loss			1.0	1.5	dB
Rejection	@DC-73GHz	30			dB
	@116-220GHz	30			

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Waveguide	WR-10/UG-387/U-M	

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Desciption	Revision
TLBF-84110-30	Waveguide Bandpass Filter,84-110GHz,Insertion Loss:1.0dB, Rejection:30dB@DC-73GHz&116-220GHz,WR-10/UG-387/U-M	Rev.1.1