

Waveguide Bandpass Filter

WR-10/85-95GHz

Model: TLBF-8595-30

TLBF-8595-30 is a waveguide bandpass filter with a passband frequency from 85 to 95 GHz and a rejection frequency from DC to 81 GHz and 99 to 140 GHz. The nominal insertion loss of the filter is 1.5 dB and the typical rejection is 60dBc.

Features:

- Passband Frequency Range 85 to 95 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

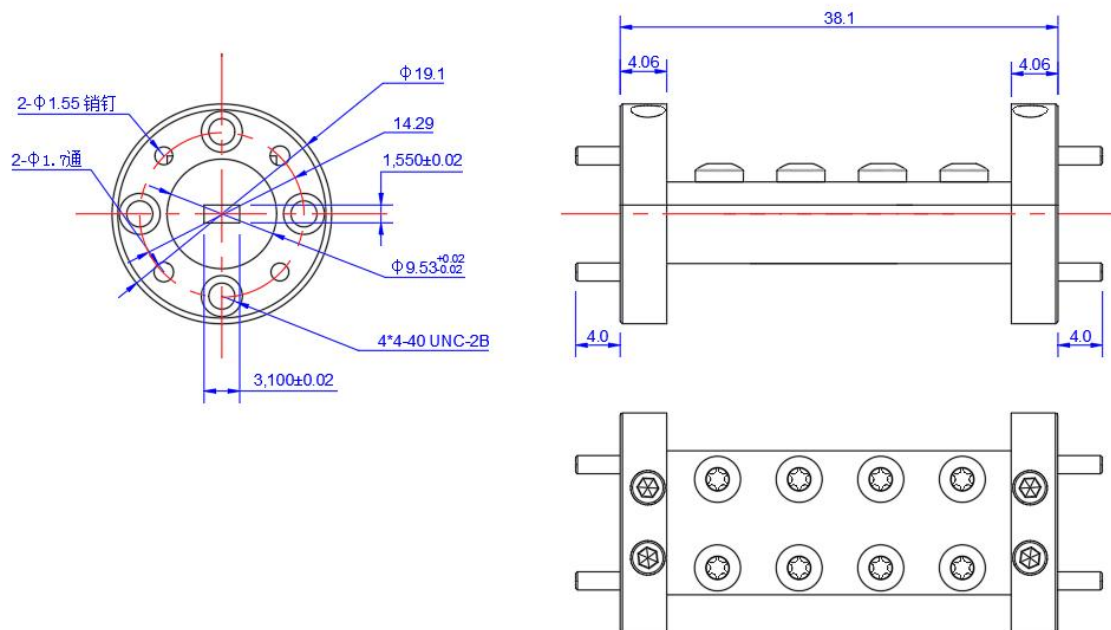
Parameter		Min	Typ	Max	Units
Passband Frequency range		85		95	GHz
Passband Width			10		GHz
Ruturn Loss				-15	dB
Passband Insertion Loss			1.5	2.5	dB
Rejection	@81-83GHz	30			dBc
	@97-99GHz	30			
	@DC-81GHz	60			
	@99-140GHz	60			
	@140-160GHz	20			

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Waveguide	WR-10/UG-387/U-M	
Size	ø19.1*38.1	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-8595-30	Waveguide Bandpass Filter,85-95GHz,Insertion Loss:1.5dB, Rejection:60dBc@DC-81GHz&99-140GHz,WR-10/UG-387/U-M	Rev.1.0