Suzhou Talent Microwave,Inc
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Waveguide Bandpass Filter

WR-10/75-85GHz

Model: TLBF-7585-30

TLBF-7585-30 is a waveguide bandpass filter with a passband frequency from 75 to 85 GHz and a rejection frequency from 71 to 73 GHz & 87 to 89 GHz. The nominal insertion loss of the filter is 1.5 dB and the minimum rejection is 30 dB.

Features:

- Passband Frequency Range 75 to 85 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

Parameter		20	Typ	Max	Units
Passband Frequency range		75		85	GHz
Passband Width			10		GHz
Return Loss				-15	dB
Passband Insertion Loss			1.5	2.5	dB
Rejection	@71-73GHz	30			dB
	@87-89GHz	30			
	@DC-71GHz	60			
	@89-140GHz	60			
	@140-160GHz	20			

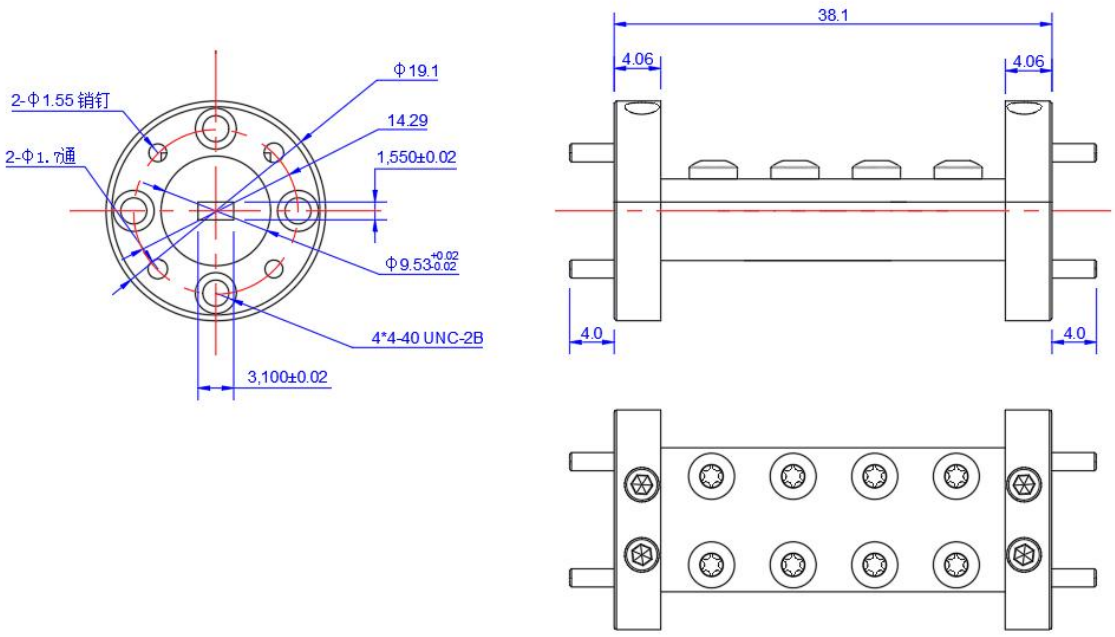
Envrionmental And Physical Characteristics:

Parameter	Value	Units
Operating Temerature	-40 to +85	℃
Waveguide	WR-10/UG-387/U-M	
Size	ø19.1*38.1	mm

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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-7585-30	Waveguide Bandpass Filter,75-85GHz,Insertion Loss:1.5dB, Rejection:30dB@71-73GHz&87-89GHz,WR-10/UG-387/U-M	Rev.1.0