

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

电气特性 Electrical Characteristics:

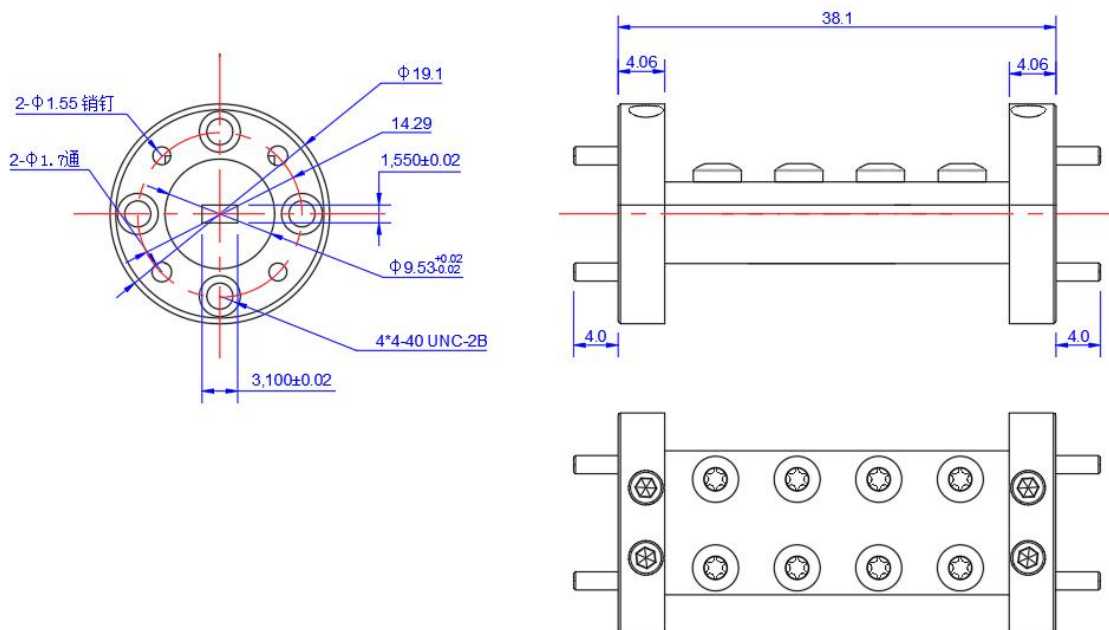
参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		85		95	GHz
通带带宽 Passband Width			10		GHz
回波损耗 Return Loss				-15	dB
通带插损 Passband Insertion Loss			1.5	2.5	dB
带外抑制 Rejection	@81-83GHz	30			dBc
	@97-99GHz	30			
	@DC-81GHz	60			
	@99-140GHz	60			
	@140-160GHz	20			

环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	°C
波导 Waveguide	WR-10/UG-387/U-M	
尺寸 Size	ø19.1*38.1	mm

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 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