

Waveguide Bandpass Filter

WR-10/87-92GHz

Model: TLBF-87G92G-40

TLBF-87G92G-40 is a waveguide bandpass filter with a passband frequency from 87 to 92 GHz and a rejection frequency from 75 to 81GHz and 98 to 110GHz. The maximum insertion loss of the filter is 1.0 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 69 to 71 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

电气特性 Electrical Characteristics:

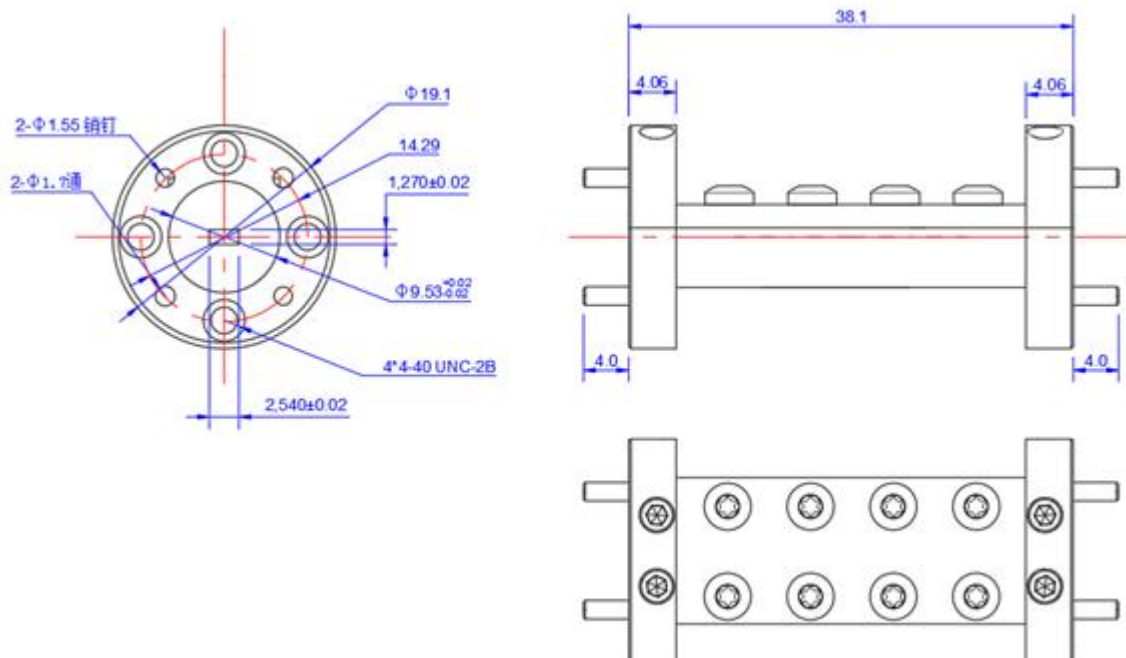
参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		87		92	GHz
通带带宽 Passband Width			5		GHz
回波损耗 Return Loss			-18	-15	dB
通带插损 Passband Insertion Loss				1	dB
带外抑制 Rejection	@75-81GHz	40			dBc
	@98-110GHz	40			

环境和机械特性 Envriental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +70	°C
存储温度 Storage Temperature	-40 to +70	°C
波导 Waveguide	WR-10/UG-387/U-M	

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-87G92G-40	Waveguide Bandpass Filter, 87-92GHz, Insertion Loss: 1.0dB, Rejection: 40dB@ 75-81GHz & 98-110GHz, WR-10/UG-387/U-M	Rev.1.0