

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

Electrical Characteristics:

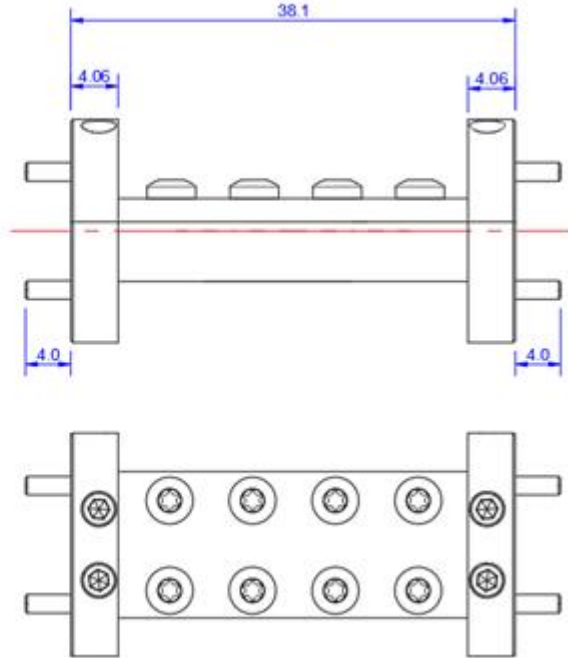
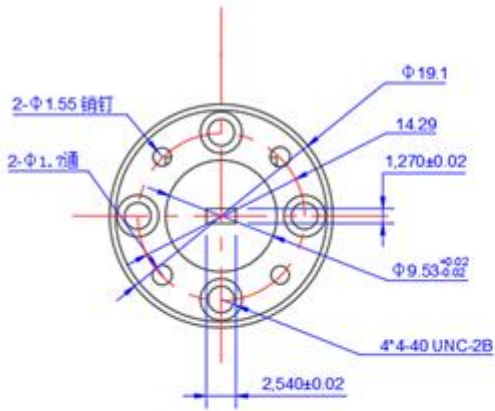
Parameter		Min	Typ	Max	Units
Passband Frequency range		87		92	GHz
Passband Width			5		GHz
Ruturn Loss			-18	-15	dB
Passband Insertion Loss				1	dB
Rejection	@75-81GHz	40			dBc
	@98-110GHz	40			

Envrionmental And Physical Characteristics:

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

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-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