

Waveguide Bandpass Filter

WR-12/60-90GHz

Model: TLBF-6090-60

TLBF-6090-60 is a waveguide bandpass filter with a passband frequency from 60 to 90 GHz. The nominal insertion loss of the filter is 1.0 dB and the min rejection is 60 dB@105&140GHz.

Features:

- Passband Frequency Range 60 to 90 GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

Electrical Characteristics:

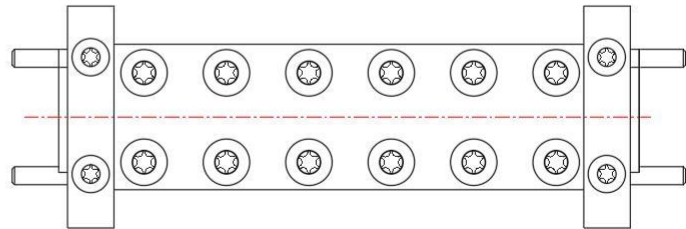
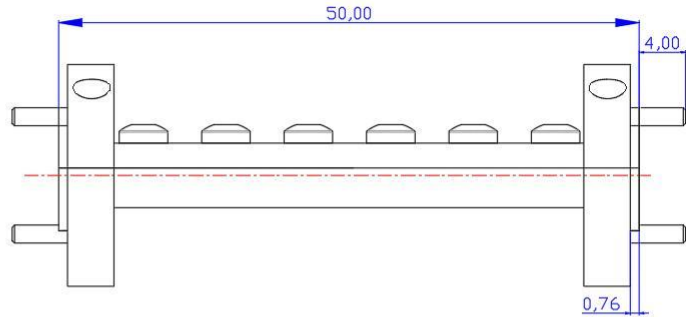
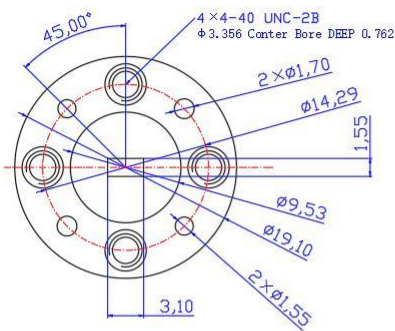
Parameter		Min	Typ	Max	Units
Passband Frequency range		60		90	GHz
Passband Width			30		GHz
VSWR				1.5	:1
Passband Insertion Loss			1	1.8	dB
Rejection	@105GHz	60			dB
	@140GHz	60			

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +70	°C
Waveguide	WR-12/UG-387/U-M	°C

Outline Drawing:

Unit:mm



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

Ordering Information:

Base Number	Desciption	Revision
TLBF-6090-60	Waveguide Bandpass Filter,60-90GHz,Insertion Loss:1.0dB, Rejection:60dB@105GHz&140GHz,WR-12/UG-387/U-M	Rev.1.1