

Waveguide Bandpass Filter

WR-4.3/207-228GHz

Model: TLBF-207G228G-40

TLBF-207G228G-40 is a waveguide bandpass filter with a passband frequency from 170 to 260 GHz and a rejection frequency from 170 to 203 GHz and 232-260GHz . The nominal insertion loss of the filter is 3 dB and the minimum rejection is 40 dB.

Features:

- Passband Frequency range 207 to 228 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		207		228	GHz
Passband Width			21		GHz
Passband Insertion Loss			3		dB
Rejection	@170-203GHz	40			dB
	@232-260GHz	40			

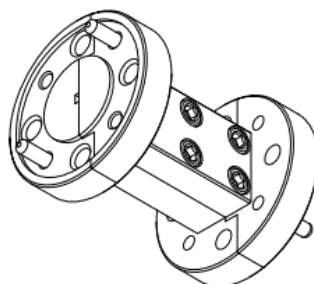
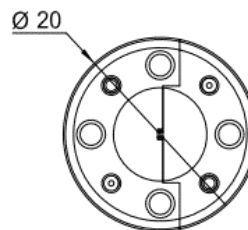
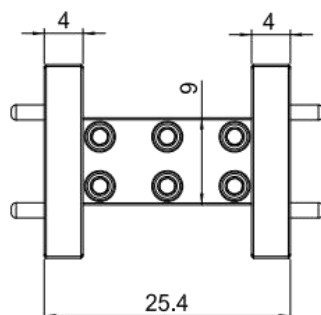
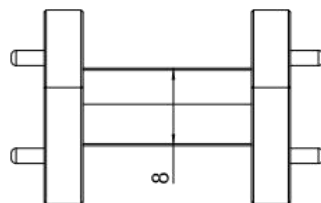
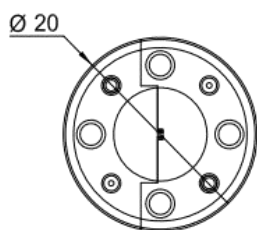
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +85	°C
Storage Temerature	-40 to +85	°C
Material	Copper	
Finish	Gold Plated	
Waveguide	WR-4.3/UG-387/U-M	

Outline Drawing:

Unit:mm

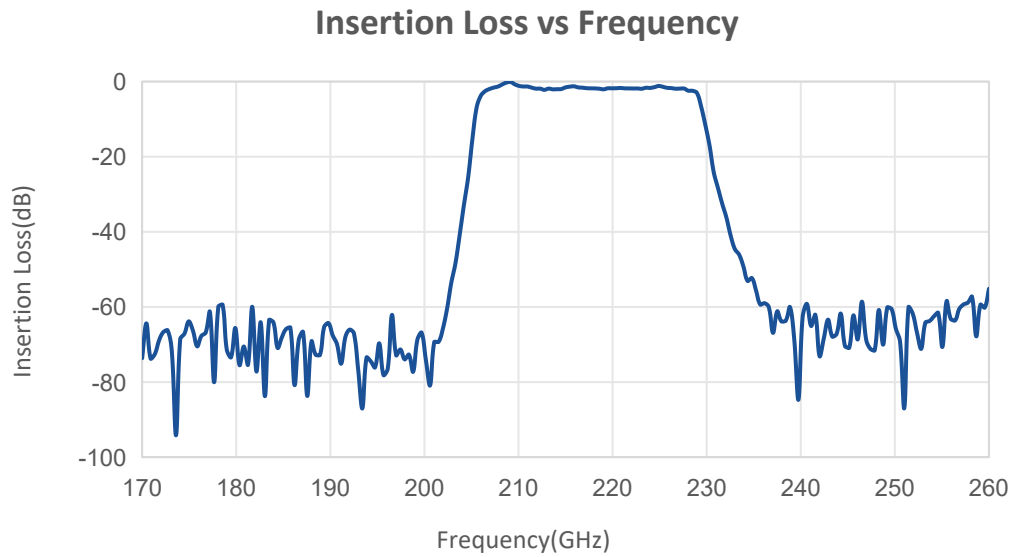
Regulatory Compliance:



Ordering Information:

Base Number	Description	Revision
TLBF-207G228G-40	Waveguide Bandpass Filter,207-228GHz,Insertion Loss:3.0dB, Rejection:40dB@170-203GHz&232-260GHz,WR-4.3/UG-387/U-M	Rev.1.1

Typical Performance Data:



Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.