

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

电气特性 Electrical Characteristics:

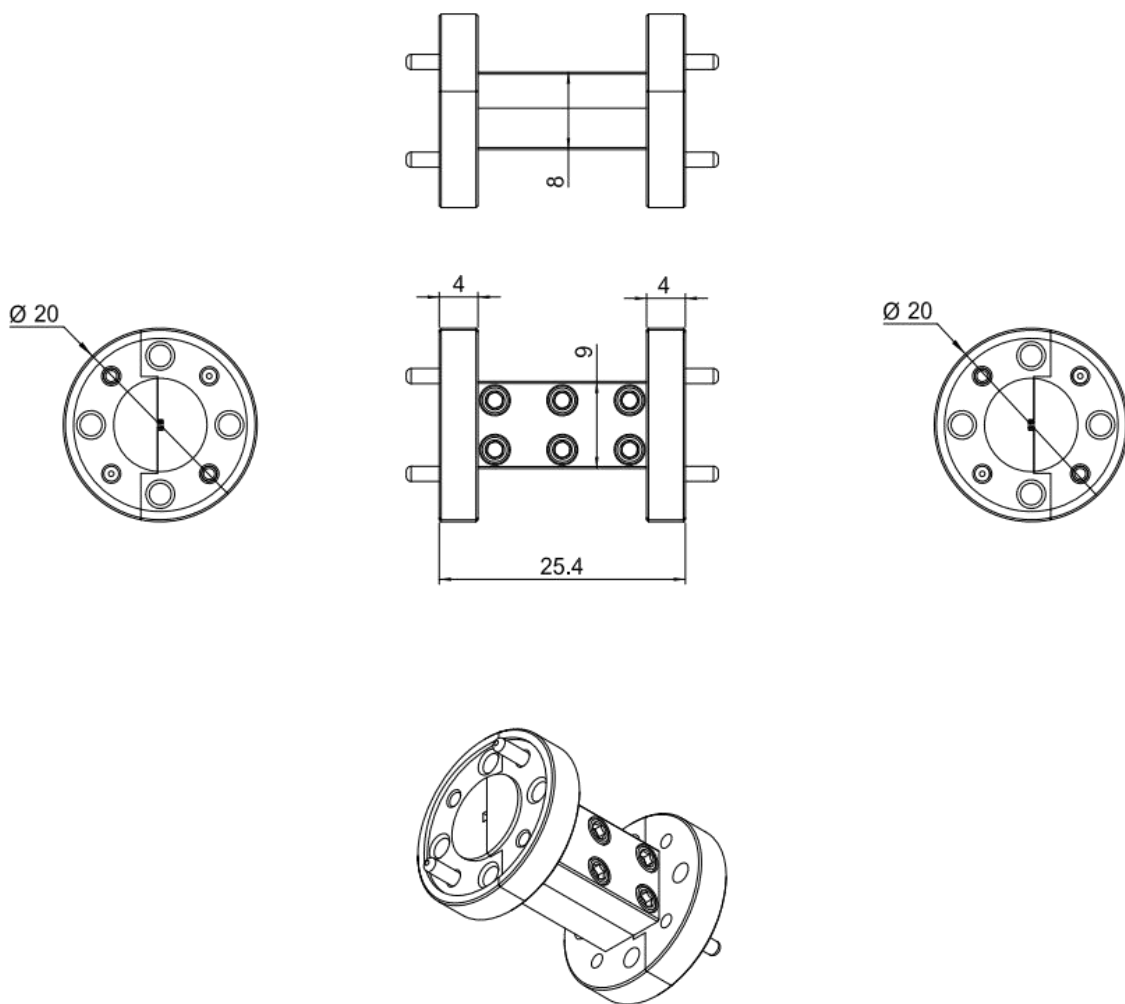
参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		207		228	GHz
通带带宽 Passband Width			21		GHz
通带插损 Passband Insertion Loss			3		dB
带外抑制 Rejection	@170-203GHz	40			dB
	@232-260GHz	40			

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 Temerature	-40 To +85	°C
存储温度 Storage Temerature	-40 to +85	°C
材质 Material	Copper	
表面处理 Finish	Gold Plated	
波导 Waveguide	WR-4.3/UG-387/U-M	

外形图 Outline Drawing:

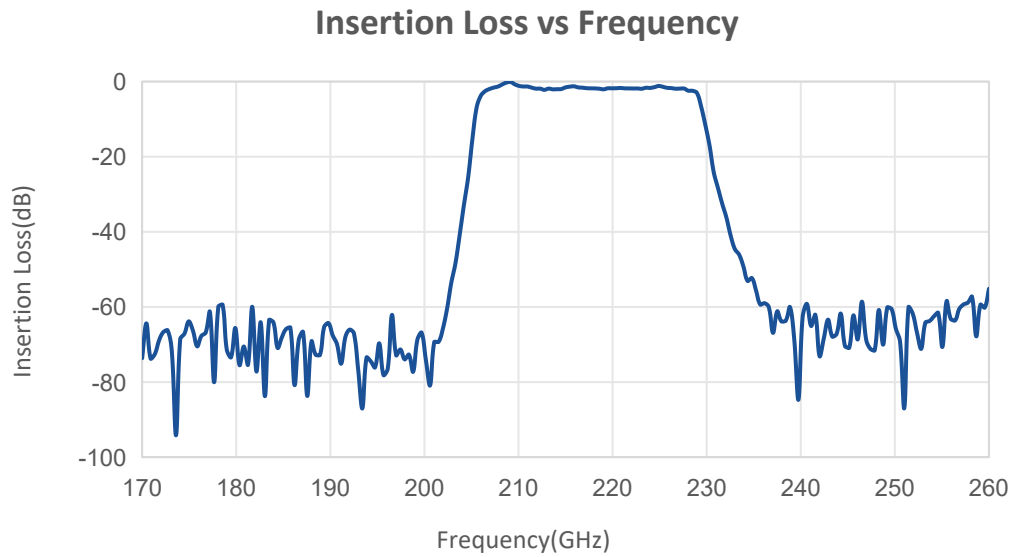
Unit:mm



订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 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

典型曲线 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.