

Waveguide Band Pass Filter

WR-10/83-91GHz

Model: TLBF-083091-30

Features:

- Passband Frequency Range 83 to 91GHz
- Lower Cost
- Low Insertion Loss
- High Rejection

Applications:

- Communicatin Systems
- Radar Systems
- Sub-assemblies

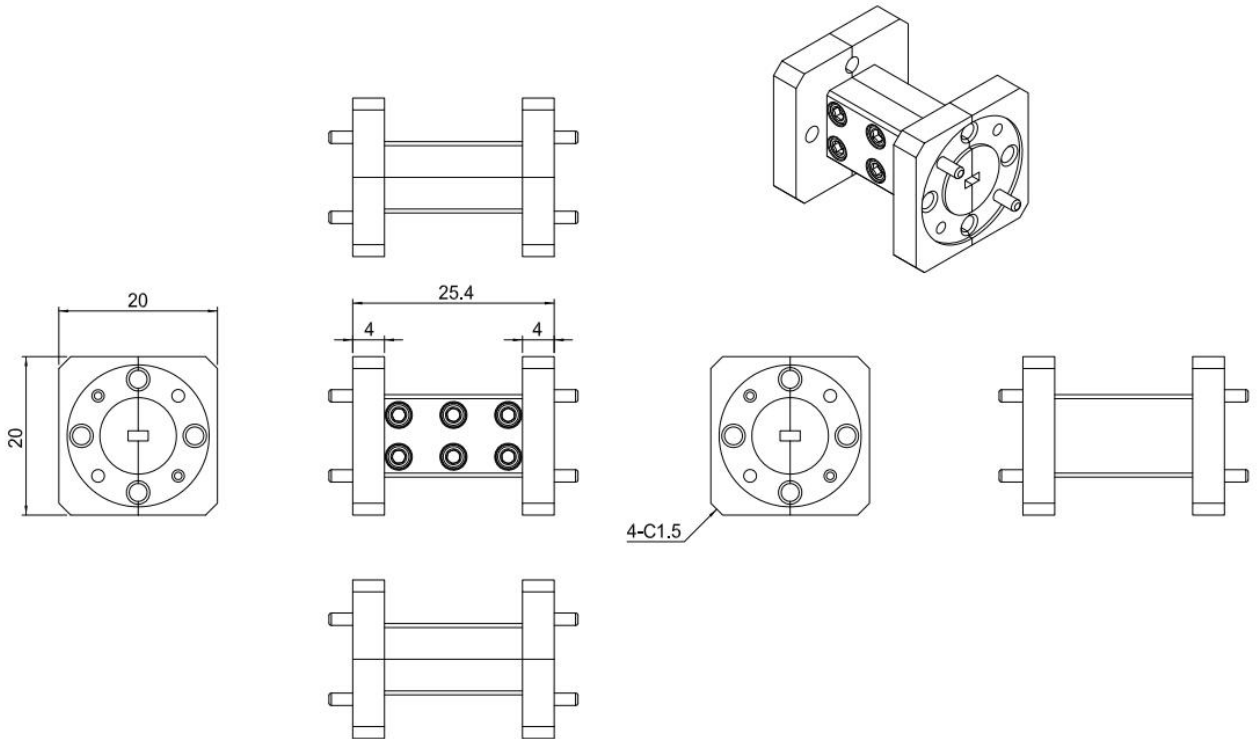
电气特性 Electrical Characteristics:

参数 Parameter		Min	Typ	Max	单位 Units
通带频率范围 Passband Frequency range		83		91	GHz
通带插损 Passband Insertion Loss			1		dB
带外抑制 Rejection	@80GHz		-30		dBc
	@96GHz		-30		
3dB带宽 Approximate 3dB Bandwidth		82		92	GHz

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	
标贴 Finish	Gold Plated	
波导接口 Waveguide	WR-10/UG-387/U-M	

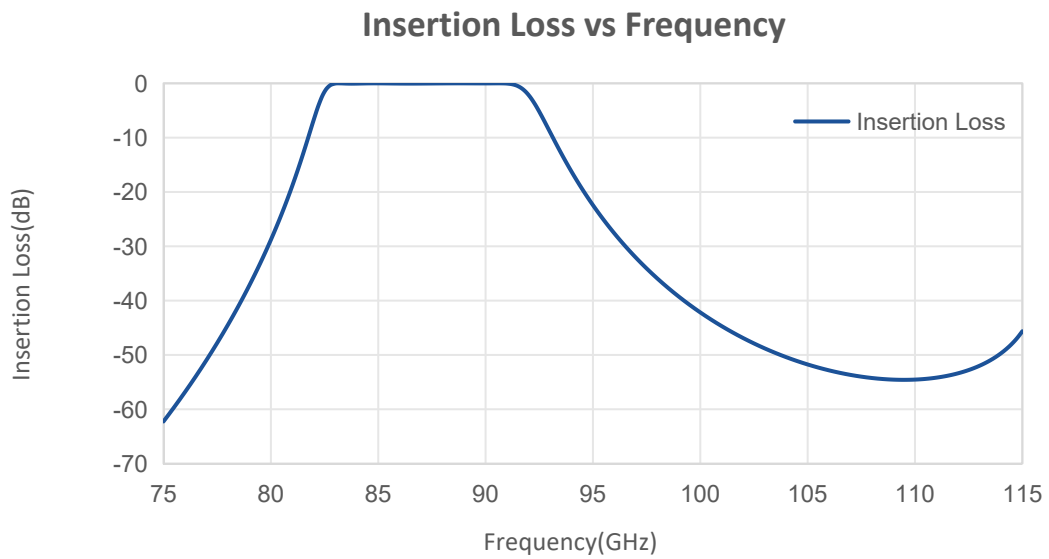
外形图 Outline Drawing: Unit:mm



订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-083091-30	Waveguide Band Pass Filter,83-91GHz,Insertion Loss:1.0dB, Rejection:-30dBc@80GHz&96GHz,WR-10/UG-387/U-M	Rev.1.1

测试曲线 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.