泰莱微波 Talent Microwave

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Waveguide Bandpass Filter

WR-12/66-71GHz

Model: TLBF-066071-50-15

TLBF-066071-50-15 is a waveguide bandpass filter with a passband frequency from 66 to 71 GHz and a rejection frequency from 50 to 62 GHz and 76 to 90 GHz. The maximum insertion loss of the filter is 2 dB and the minimum rejection is 50 dBc. The input and output port configuration offers an inline structure with WR-15 waveguides and UG-385/U-M anti-cocking flanges.

Features:

- Passband Frequency Range 66 to 71 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		66		71	GHz
通带带宽 Passband Width			5		GHz
输入/输出驻波 Input/Output VSWR			1.25		:1
通带插损 Passband Insertion Loss				2	dB
带外抑制 Rejection	@50-62 GHz	50			dBc
	@76-90 GHz	50			

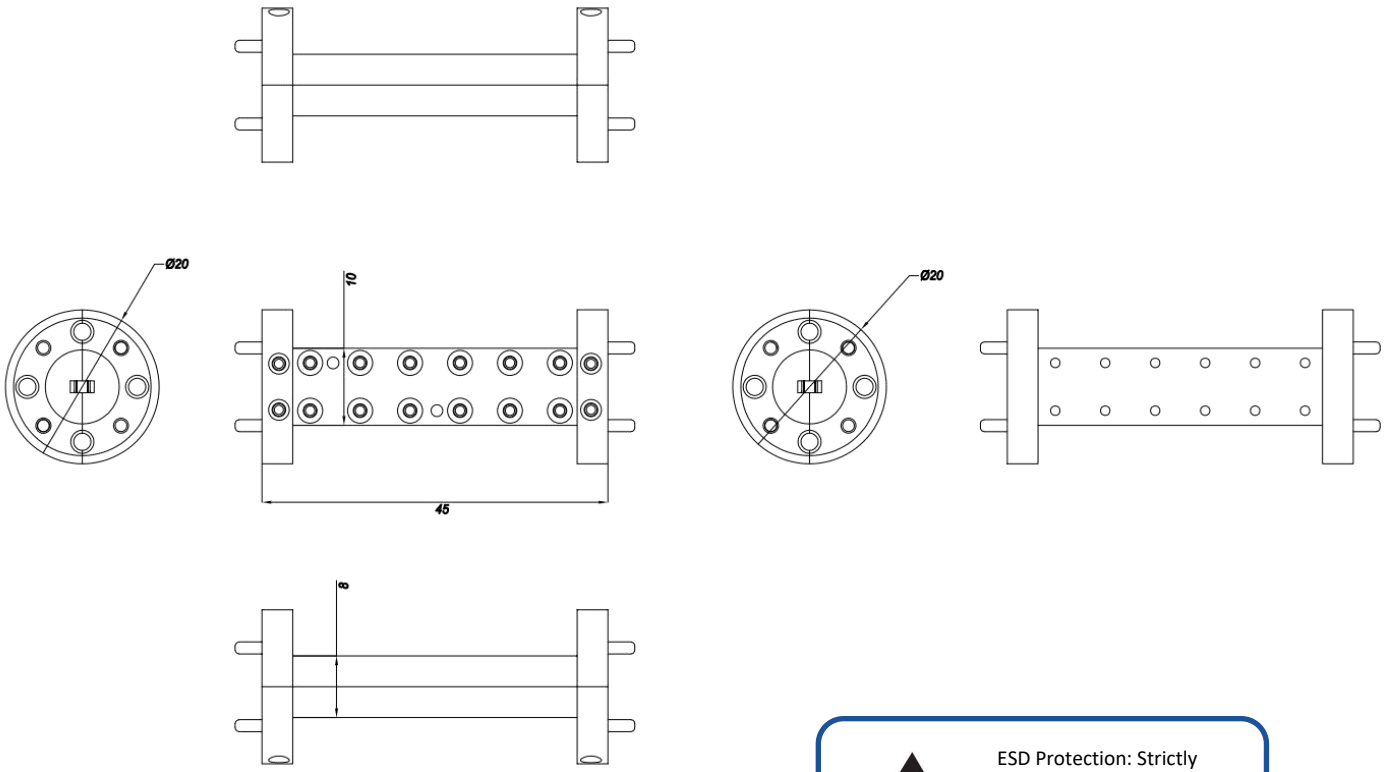
环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	类型 Description	单位 Units
操作温度 Operating Temerature	-20 to +55	℃
存储温度 Storage Temerature	-20 to +55	℃
材质 Material	Aluminum	
表面处理 Finish	Conductive Coating, Natural Finish	
波导 Waveguide	WR-15/UG-385/U-M	

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLBF-066071-50-15	Waveguide Bandpass Filter,66-71GHz, Insertion Loss: 2dB, Rejection: 50dBc@55-62GHz&76-90GHz,WR-15/UG-385/U-M	Rev.1.0