Suzhou Talent Microwave,Inc
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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

Electrical Characteristics:

Parameter		Min	Typ	Max	Units
Passband Frequency range		66		71	GHz
Passband Width			5		GHz
Input/Output VSWR			1.25		:1
Passband Insertion Loss				2	dB
Rejection	@50-62 GHz	50			dBc
	@76-90 GHz	50			

Envrionmental And Physical Characteristics:

Parameter	Description	Units
Operating Temerature	-20 to +55	℃
Storage Temerature	-20 to +55	℃
Material	Aluminum	
Finish	Conductive Coating, Natural Finish	
Waveguide	WR-15/UG-385/U-M	

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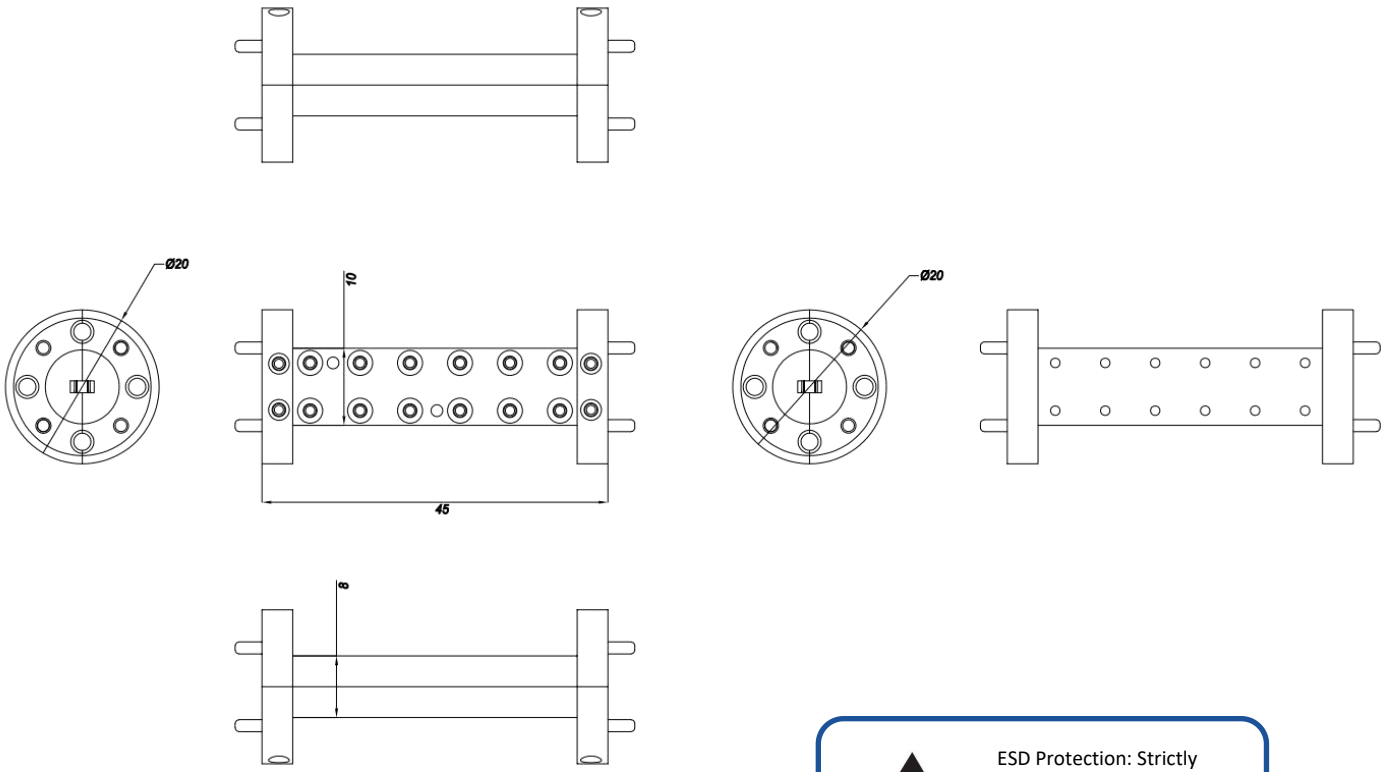
Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

Ordering Information:

Base Number	Description	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