Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Waveguide Bandpass Filter

WR-10/98-102GHz

Model: TLBF-098102-50-10

TLBF-098102-50-10 is a waveguide bandpass filter with a passband frequency from 98 to 102 GHz and a rejection frequency from DC to 94 GHz and 106 to 115 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-10 waveguides and UG-387/U-M anti-cocking flanges.

Features:

- Passband Frequency Range 98 to 102 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		98		102	GHz
Passband Width			4		GHz
Input/Output VSWR			1.25		:1
Passband Insertion Loss				2	dB
Rejection	@DC-94 GHz	50			dBc
	@106-115 GHz	50			

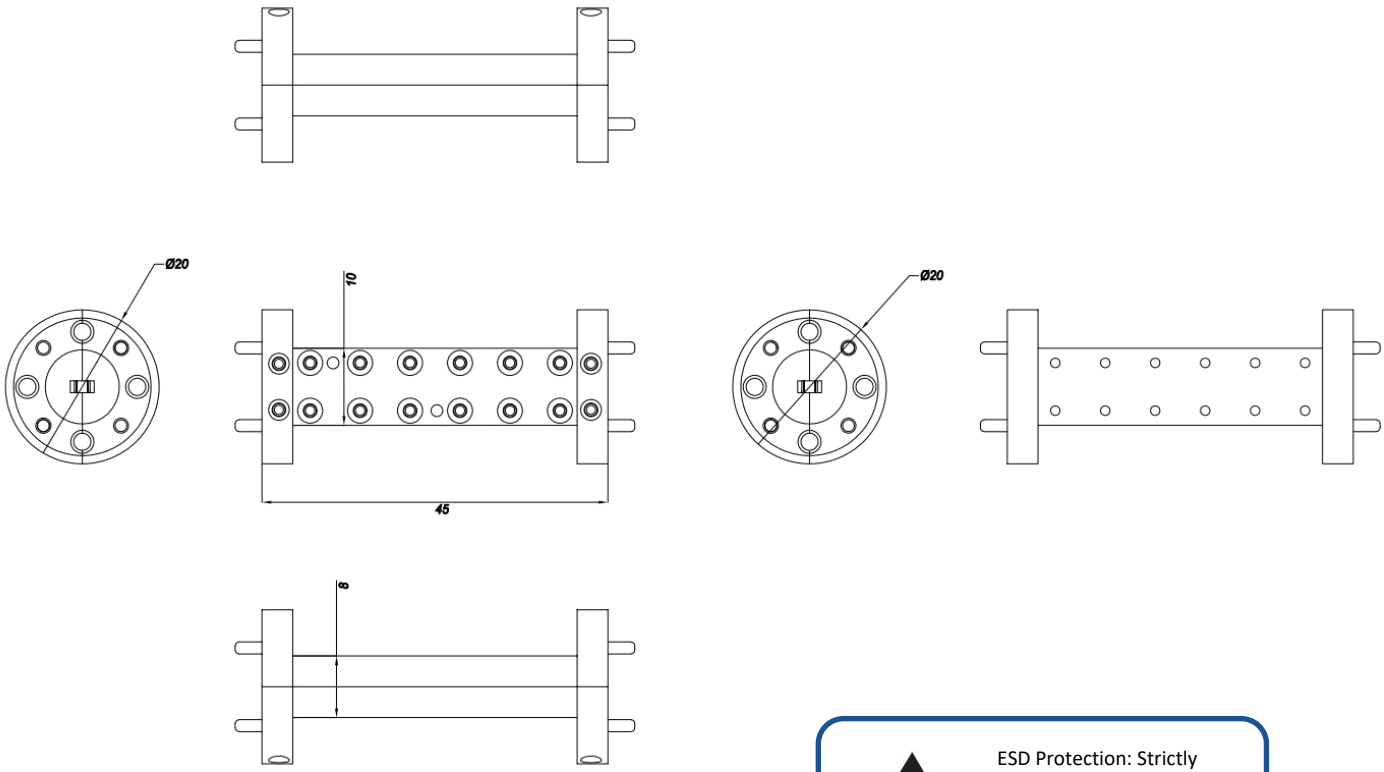
Envrionmental And Physical Characteristics:

Parameter	Description	Units
Operating Temerature	-20 to +55	℃
Storage Temerature	-20 to +55	℃
Material	Aluminum	
Finish	Conductive Coating, Natural Finish	
Waveguide	WR-10/UG-387/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-098102-50-10	Waveguide Bandpass Filter,98-102GHz, Insertion Loss: 2dB, Rejection: 50dBc@DC-94GHz&106-115GHz,WR-10/UG-387/U-M	Rev.1.0