泰莱微波
Talent Microwave

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Waveguide Bandpass Filter

WR137/5.8-6.8GHz

Model: TLBF-5.8G6.8G-40

TLBF-5.8G6.8G-40 is a waveguide bandpass filter with a passband frequency from 5.8 to 6.8 GHz and a rejection frequency at 4.8 GHz. The nominal insertion loss of the filter is 0.4 dB and the typical rejection is 40 dB.

Features:

- Passband Frequency Range 5.8 to 6.8 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	5.8		6.8	GHz
通带插损 Passband Insertion Loss			0.4	dB
带外抑制 Rejection@4.8GHz	40			dBc
通带驻波 Passband VSWR			1.3	:1
耐功率 Power Handling		110		W

环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-40 To +70	℃
波导 Waveguide	WR137	

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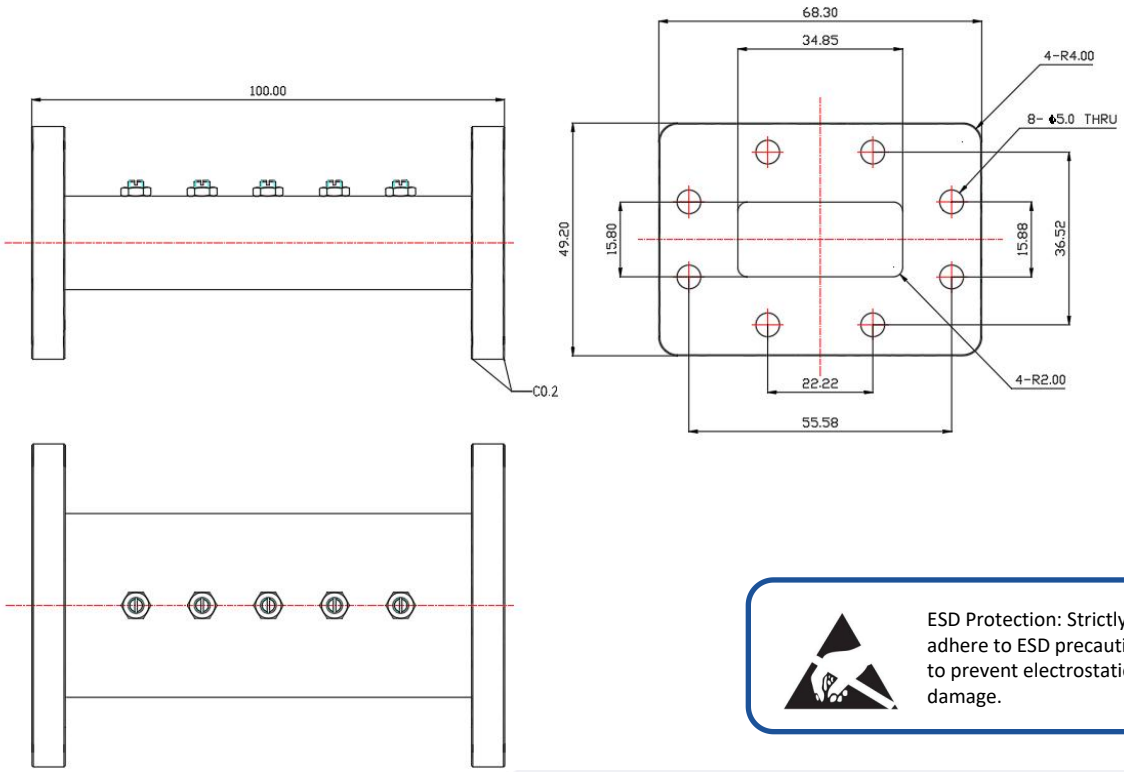
外形图 Outline Drawing:

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-5.8G6.8G-40	Waveguide Bandpass Filter,5.8-6.8GHz, Insertion Loss:0.4dB, Rejection:40dBc@4.8GHz, WR137	Rev.1.0