泰莱微波
Talent Microwave

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G-Band Low Power Termination Load

140-220GHz/WR5.1/0.5W

Model: TLTT-140220-20-5.1

TLTT-140220-20-5.1 is a general purpose WR-5.1 millimeter waveguide termination. This waveguide termination will operate from 140 to 220 GHz. A Millimeter Waveguide Termination is a passive RF device specifically designed to prevent RF signals from reflecting back from open-ended or unused waveguide ports. Millimeter Waveguide Terminations dissipate RF energy by producing heat energy.

Features:

- Frequency range: 140-220GHz
- High Return Loss
- Instrumentation Grade

Applications:

- Communication Systems
- Test Equipment

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 RF Frequency range	140		220	GHz
回波损耗 Return Loss		-25		dB
承受功率 Power Handling			0.5	W

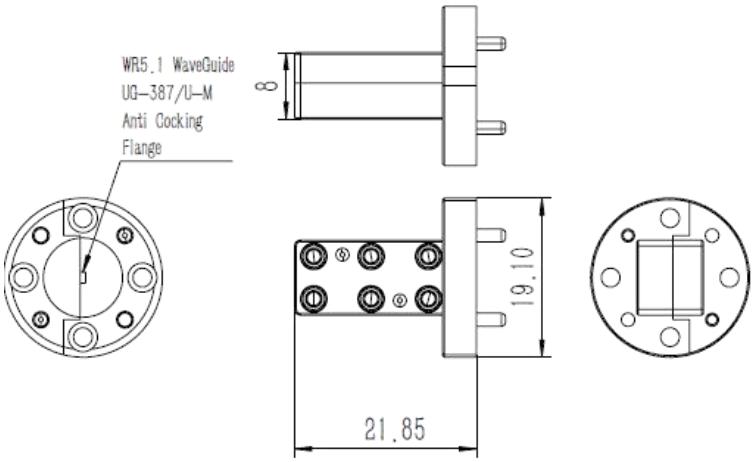
机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-55 To +125	℃
存储温度 Storage Temerature	-55 To +125	℃
接口 Connector	WR-5.1/UG-387/U	
表壳材质 Case Material	Copper	
表面处理 Finish	Gold Plated	
尺寸 Size	21.85*8	mm

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外形图 Outline Drawing:

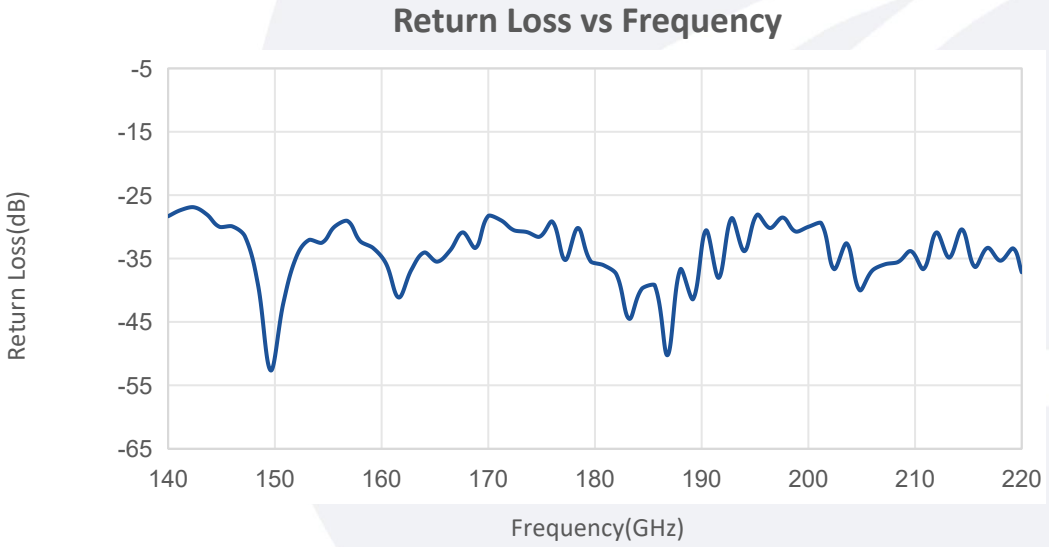
Unit:mm; Tolerance:±0.1mm



订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TLTT-140220-20-5.1	G-Band Low Power Termination Load Return Loss:-25dB	Rev.1.1

典型曲线 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.