泰莱微波
Talent Microwave

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F-Band Low Power Termination Load

90-140GHz/WR08/0.5W

Model: TLTT-90140-27-08

TLTT-90140-27-08 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:90-140GHz
- 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	90		140	GHz
回波损耗 Return Loss		-25		dB
承受功率 Power Handling			0.5	W

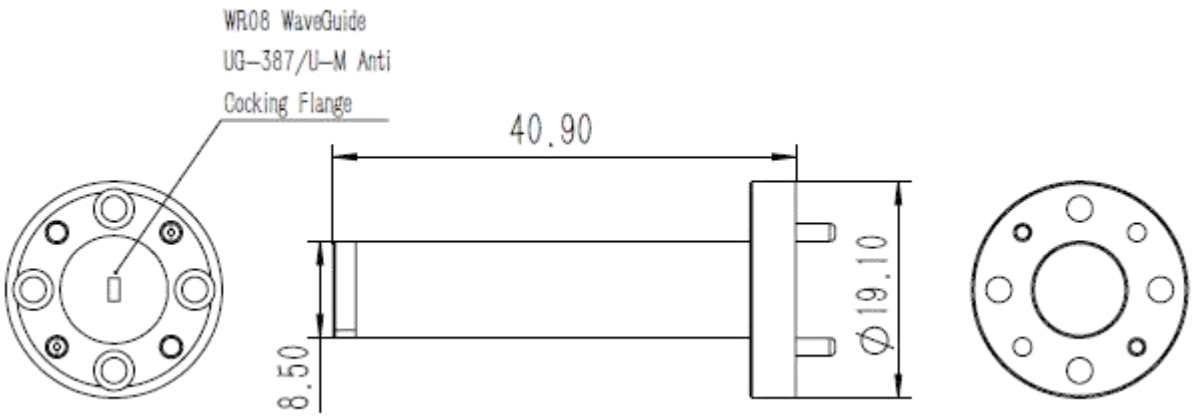
机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	-55 To +125	°C
存储温度 Storage Temerature	-55 To +125	°C
接口 Connector	WR-08/UG-387/U	
表壳材质 Case Material	Copper	
表面处理 Finish	Gold Plated	
尺寸 Size	40.9*8.5	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-90140-27-08	F-Band Low Power Termination Load Return Loss:-25dB	Rev.1.1