泰莱微波 Talent Microwave

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Waveguide to Coax Adapter, Right Angle

WR-10/1.0mm Male/75-110GHz Model: TL-10WCA1.0MR-CU

The TL-10WCA1.0MR-CU is right angle waveguide to coax adapters that cover the frequency range of 75 to 110GHz. It is designed for an efficient transition between the rectangular waveguide and 1.0 mm coax connector.

Features:

- Operating Frequency 75 to 110GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	75		110	GHz
插损 Insertion Loss		6	1.0	dB
驻波 VSWR		1..3		:1
耐功率 Power Handing			10	W

环境和机械特性 Envrionmental And Physical Characteristics:

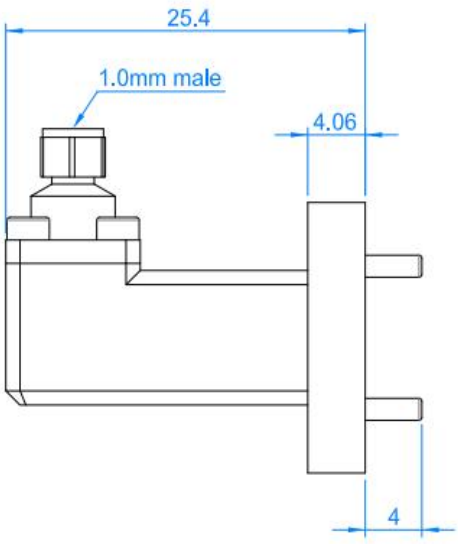
参数 Parameter	类型 Description	单位 Units
操作温度 Operating Temerature	-40 To +85	℃
存储温度 Storage Temerature	-40 to +85	℃
材质 Material	Brass	
表面处理 Finish	Gold Plated	
同轴接口 Coax Connector	1.0mm Male	
波导 Waveguide	WR-10/UG-387/U-M	

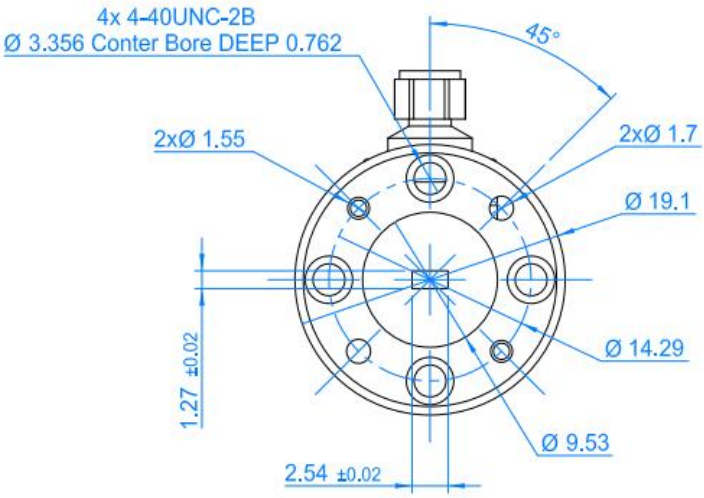
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外形图 Outline Drawing:

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
TL-10WCA1.0MR-CU	Waveguide to Coax Adapter, Right Angle WR-10/1.0mm Male,75-110GHz	Rev.1.0