

TUR-15WCA1.85E2

Features:

- Operating Frequency 50 to 67GHz
- 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	50		67	GHz
驻波 VSWR			1.7	:1
插损 Insertion Loss			1.0	dB
耐功率 Power			2	W

环境和机械特性 Envrionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temerature	-40 To +85	°C
存储温度 Storage Temerature	-40 to +85	°C
材质 Material	Al	
表面处理 Finish	Gold Plated	
同轴接口 Coax Connector	1.85mm Female	
波导 Waveguide	WR15/UG-385/U-M	

Technical drawing of a mechanical part, showing a side view and a top view.

Side View Dimensions:

- Overall length: 18.2
- Distance from left face to center of the hole: 3.3
- Distance from left face to the start of the hole: 0.762
- Distance from the end of the hole to the right face: 4
- Overall diameter: $\phi 9.525$
- Material specification: 1.85-K

Top View Dimensions:

- Outer diameter: $\phi 19.1$
- Inner diameter: $\phi 14.3$
- Distance between centers of opposite holes: 1.88
- Distance from center to the edge of the hole: 3.759
- Distance from center to the edge of the hole: $2 \times \phi 1.7^{+0.03}_0$
- Distance from center to the edge of the hole: $2 \times \phi 1.56$
- Angle: 45°
- Material specification: 沉孔 $\phi 3.56 \times 0.76$
- Material specification: (4孔) 4-40UNC-2B
- Material specification: 销钉

类型 Base Number	描述 Description	版本号 Revision
TUR-15WCA1.85E2	Waveguide to Coax Adapter, End Launch WR15/1.85mm Female,50-67GHz	Rev.1.1