Suzhou Talent Microwave,Inc
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Waveguide to Coax Adapter, End Launch

WR-12/1.85mm Female/60-67GHz

Model: TL-12WCA1.85E

The TL-12WCA1.85E is end launch waveguide to coax adapters that cover the frequency range of 60 to 67GHz. It is designed for an efficient transition between the rectangular waveguide and 1.85mm coax connector.

Features:

- Operating Frequency 60 to 67GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	60		67	GHz
Insertion Loss		0.6	1	dB
VSWR		1.3		:1
Power Handing			10	W

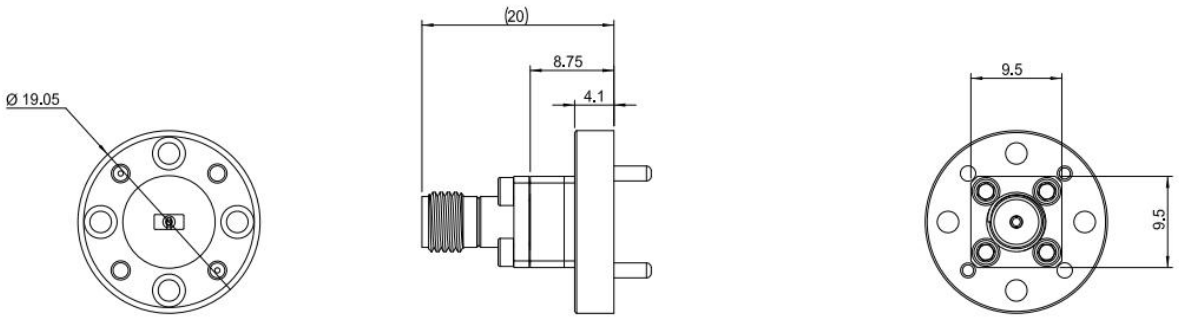
Envrionmental And Physical Characteristics:

Parameter	Description	Units
Operating Temerature	-40 To +85	℃
Storage Temerature	-40 to +85	℃
Material	Brass	
Finish	Gold Plated	
Coax Connector	1.85mm Female	
Waveguide	WR-12/UG-387/U-M	

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

Base Number	Description	Revision
TL-12WCA1.85E	Waveguide to Coax Adapter, End Launch WR-12/1.85mm Female,60-67GHz	Rev.1.0