泰莱微波 Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Waveguide to Coax Adapter, End Launch

WR-15/1.85mm Female/50-75GHz Model: TL-15WCA1.85E-75G

The TL-15WCA1.85E-75G is end launch waveguide to coax adapters that cover the frequency range of 50 to 75 GHz. It is designed for an efficient transition between the rectangular waveguide and 1.85 mm coax connector.

Features:

- Operating Frequency 50 to 75GHz
- 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		75	GHz
插损 Insertion Loss		0.5	0.9	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:

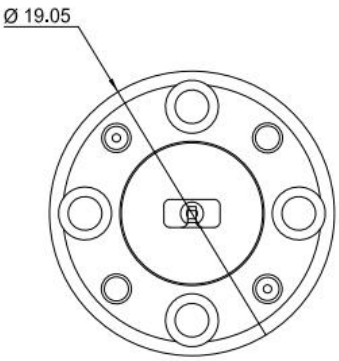
参数 Parameter	类型 Description	单位 Units
操作温度 Operating Temerature	-40 To +85	℃
存储温度 Storage Temerature	-40 to +85	℃
材质 Material	Brass	
表面处理 Finish	Gold Plated	
同轴接口 Coax Connector	1.85mm Female	
波导 Waveguide	WR-15/UG-385/U-M	

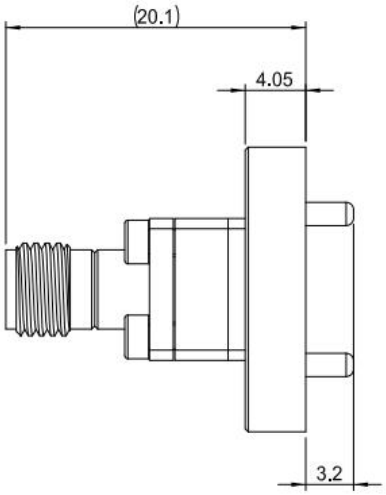
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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm







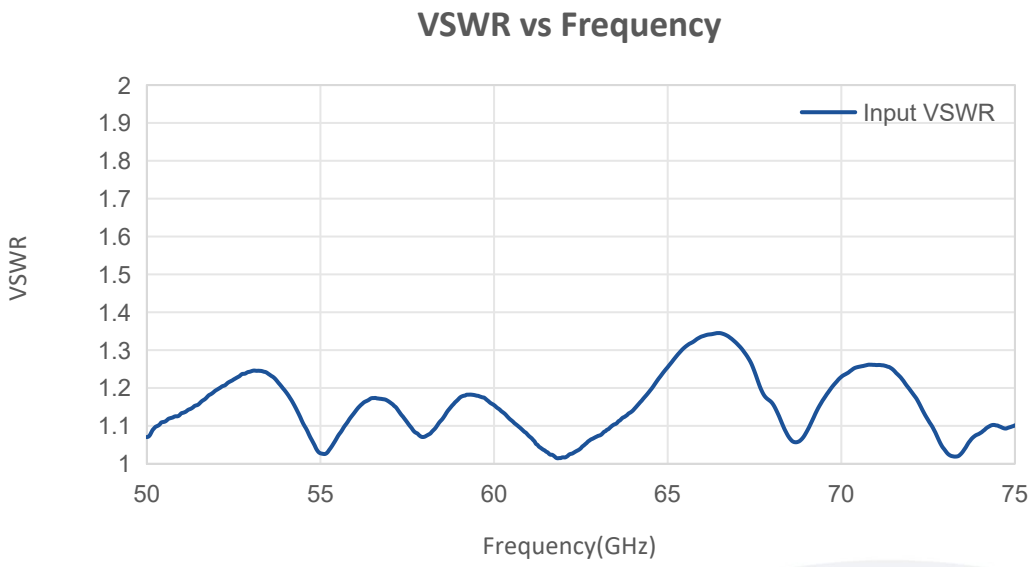
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

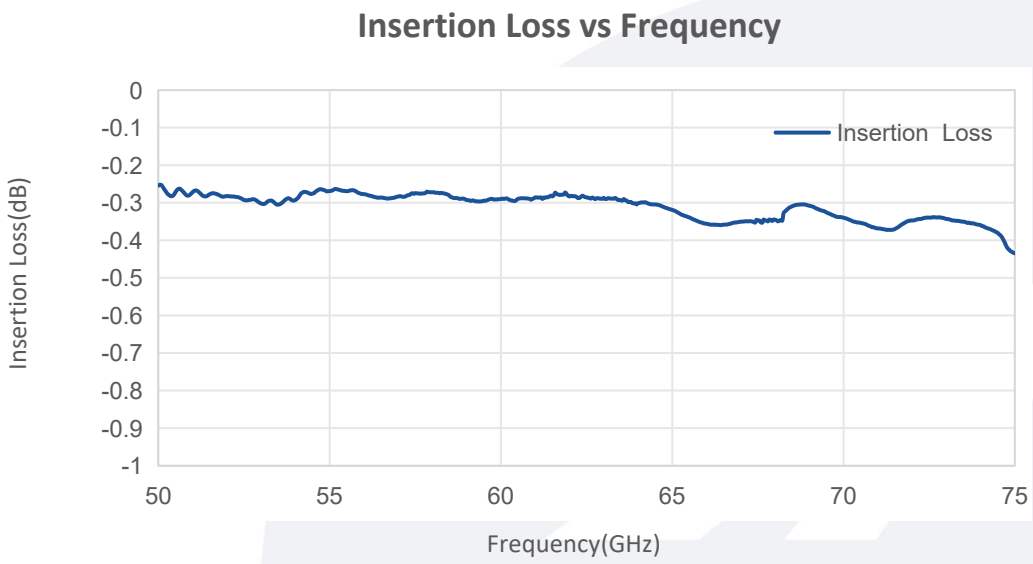
订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-15WCA1.85E-75G	Waveguide to Coax Adapter, End Launch WR15/1.85mm Female,50-75GHz	Rev.1.0

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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.