

Power Limiter

15-40GHz /6W,Power Handling

Model: TLMT-15G40G-37-16

The TLMT-15G40G-37-16 is a broadband limiter product. This limiter has an operating frequency range that can cover 15-40 GHz and features stable performance.

Features:

- Ultra Wide Band: 15-40 GHz
- RF Power Handling: 6W(CW)
- Limiting power: 14 dBm
- Low Insertion Loss
- 50 Ohm Matched Input / Output

Applications:

- Communication receiver
- Laboratory test
- Sensor radar

电气特性 Electrical Characteristics:

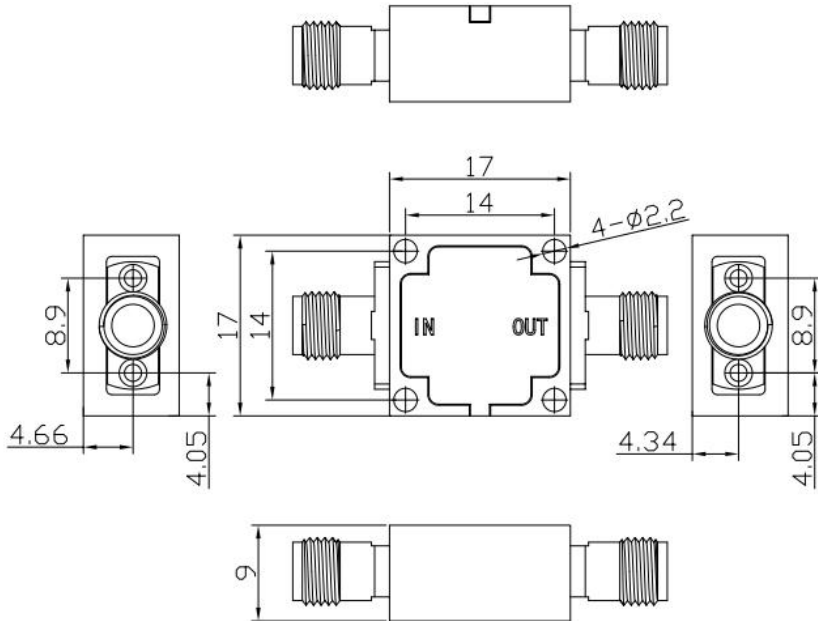
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency range	15-40			GHz
插损 Insertion Loss		2.4		dB
限幅电平 Limiting power		14		dBm
输入驻波 Input VSWR		2		:1
输出驻波 Output VSWR		2		:1
耐功率 Power handling	6(CW)			W
阻抗 Impedance	50			Ohms

机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
输入/输出接口 Input /Output Connector	2.92mm Female/2.92mm Female	
尺寸 Size	17*17*9	mm

外形图 Outline Drawing:

Unit:mm



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

温度环境 Environmental Conditions:

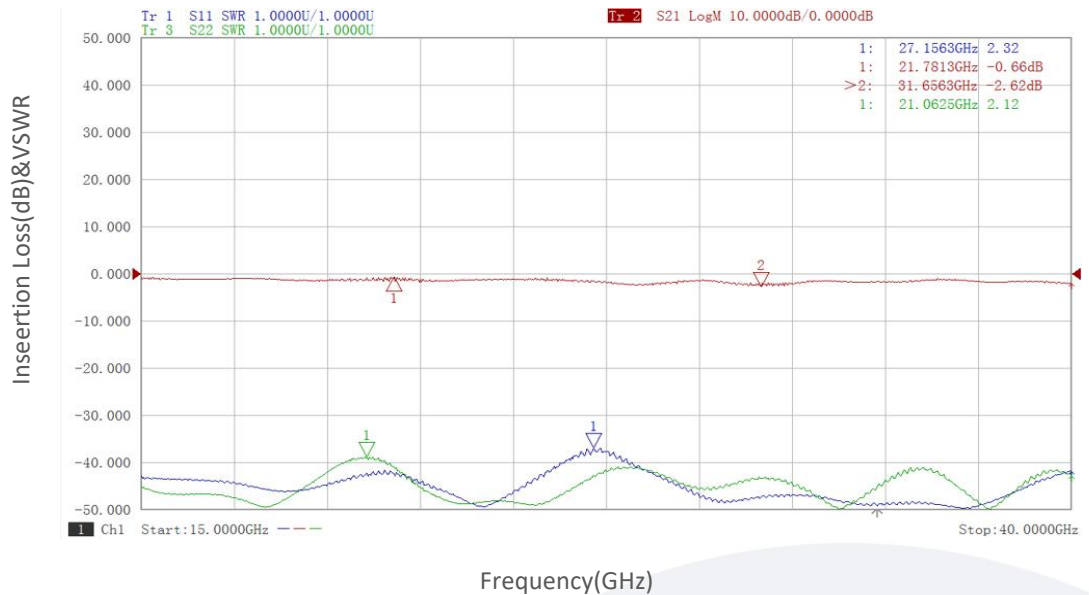
参数 Parameter	Min	Typ	Max	单位 Units
操作温度 Operating Temperature	-45		+85	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	10,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

订货信息 Ordering Information:

标准型号 Base Number	描述 Desciption	版本号 Revision
TLMT-15G40G-37-16	Power Limiter, 15-40GHz, Limiting power:14 dBm	Rev.1.1

典型曲线 Typical Performance Data:

Insertion Loss VSWR vs Frequency



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.