

Power Limiter

0.5-12GHz /10W,Power Handling

Model: TLMT-0.5G12G-40-16

The TLMT-0.5G12G-40-16 is a broadband limiter product. This limiter has an operating frequency range that can cover 0.5-12 GHz and features stable performance.

Features:

- Ultra Wide Band:0.5-12 GHz
- RF Power Handling:10W
- Limiting power:16 dBm
- Low Insertion Loss
- 50 Ohm Matched Input / Output

Applications:

- Communication receiver
- Laboratory test
- Sensor radar

电气特性 Electrical Characteristics:

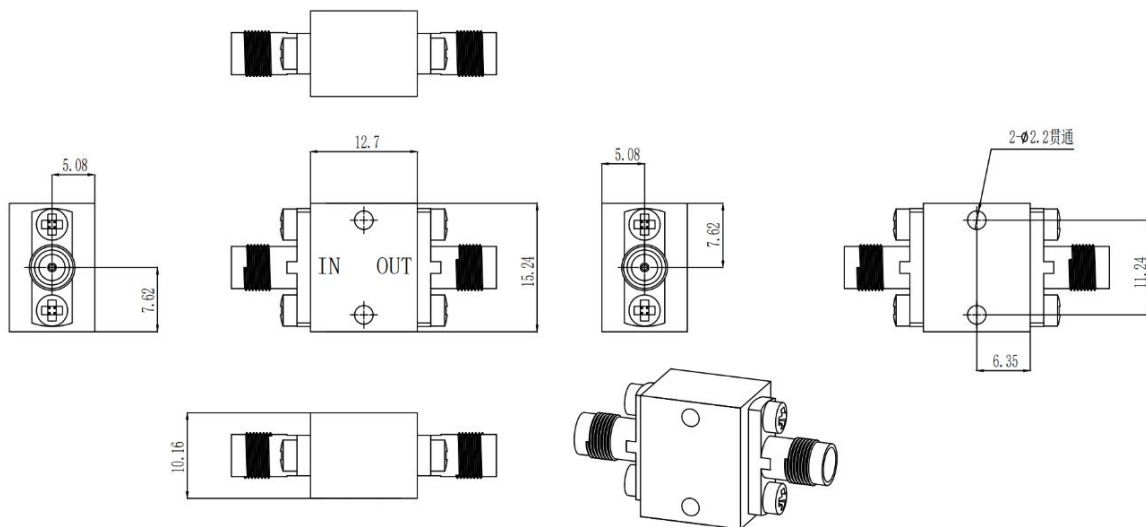
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency range	0.5-12			GHz
插损 Insertion Loss		0.8	1.6	dB
限幅电平 Limiting power		16		dBm
输入驻波 Input VSWR		1.3	1.5	:1
输出驻波 Output VSWR		1.3	1.5	:1
耐功率 Power handling	10W			
阻抗 Impedance	50			Ohms

机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	15.24*12.7*10.16	mm
重量 Weight	/	g

外形图 Outline Drawing:

Unit:mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

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	100% RH at 35c, 95%RH at 40°C			%
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-0.5G12G-40-16	Power Limiter, 0.5-12GHz, Limiting power:16 dBm	Rev.1.1