

Model: TLMTDC40G-35-12
DC - 40GHz Limiter
RF Power Handling , Average: 32dBm
Feature:

- Ultra Wide Band: DC -40GHz
- RF Power Handling , Average: 32dBm
- RF Power Handling , Peak : 35dBm
- 50 Ohm Matched Input / Output

电气特性 Electrical:

参数Parameter		Min.	Typ.	Max.	单位Units
频率范围 Frequency range		DC-40GHz			GHz
插入损耗 Insertion loss			2.3		dB
限幅电平 Limiting power	1GHz @20dBm input		14		dBm
	20GHz @20dBm input		11		dBm
	40GHz @16dBm input		8		dBm
输入/输出驻波 Input/Output VSWR			2.0		:1
输入三阶截点 Input IP3			25		dBm
输入P-1 Input P1dB			11		dBm
阻抗 Impedance		50			Ohms

机械特性 Mechanical :

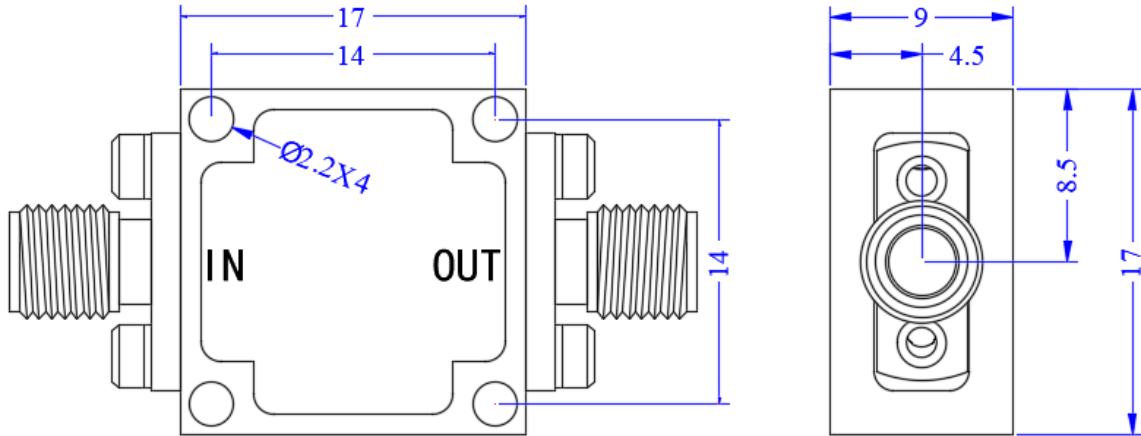
参数Parameter	指标 Value	单位Units
输入输出接口 Input /Output Connector	2.92mm Female	
尺寸 Size	17*17*9	mm
重量 Weight	50	g

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
输入功率 RF Input Power	+32dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 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	-40		+75	°C
存储温度 Non-operating Temperature	-55		+125	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			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 Part Number	描述 Description	版本号Revision
TLMTDC40G-35-12	DC - 40GHz Limiter , RF Power Handling , Average:32dBm	Rev.1.1
TLMTDC40G-35-12-HS	DC - 40GHz Limiter , RF Power Handling , Average:32dBm	Rev.1.1