泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Coaxial Detector

10MHz-67GHz /10 dBm,Input Power

Model: TPSD10M67GP

The TPSD10M67GP is a coaxial detector designed to operate from 10 MHz to 67GHz. The RF input configuration offers coax adapter structure with 1.85mm male and output port configuration offers coax adapter structure with SMA female.

Features:

- Frequency range:10 MHz-67 GHz
- Voltage sensitivity: 600 V/W Typ
- High speed finline detector
- 50 Ohm Matched Input / Output

Applications:

- Electronic warfare
- Test&measurement
- System monitoring
- AM noise measurements
- leveling pulse signal sources

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency range	10MHz		67GHz	
Input Return Loss		-12		:1
Voltage Sensitivity		600		V/W
Input Power			10	dBm
Input Dynamic Range			-20	dBm
Impedance		50		Ohms

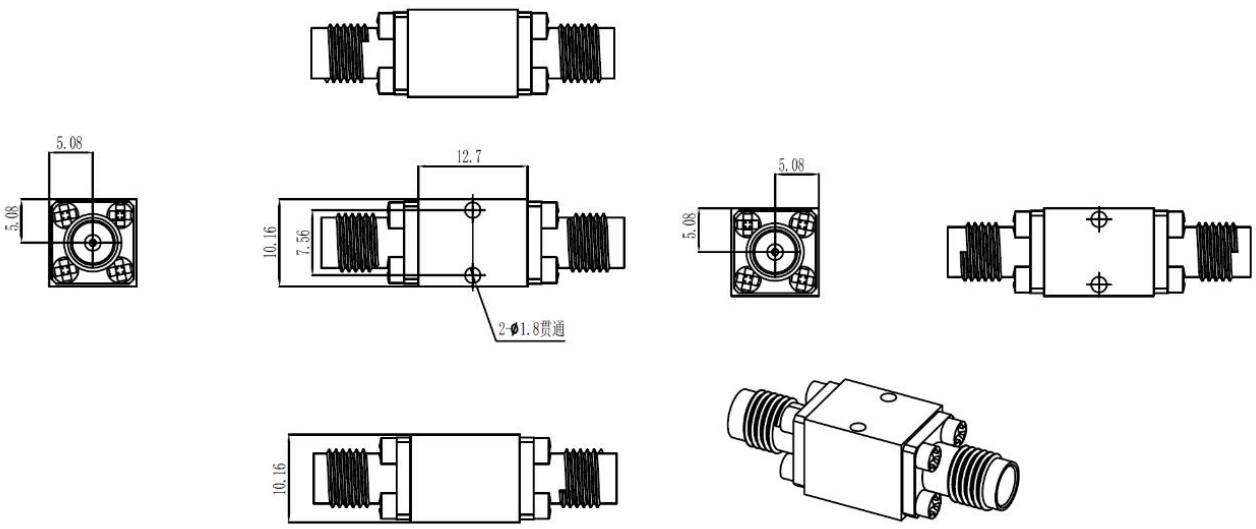
Mechanical Specifications:

Parameter	Value	Units
RF Input Connector	1.85mm Male	
Output Connector	SMA Female	
Body Material	Stainless Steel 303	
Center conductor	Becu, Golden	
Size	12.7*10.16*10.16	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

Environmental Conditions:

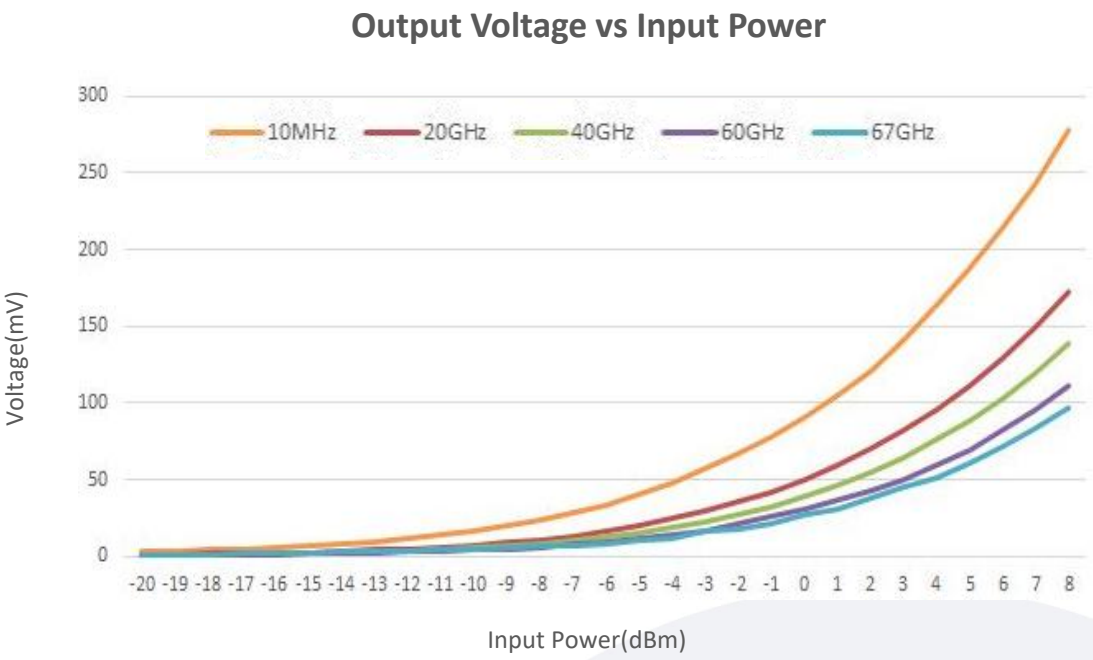
Parameter	Min	Typ	Max	Units
Operating Temperature	-20		+70	℃
Non-operating Temperature	-40		+85	℃
Relative humidity		95		%
Altitude	10,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Base Number	Description	Revision
TPSD10M67GP	Coaxial Detector, 10MHz-67GHz, Voltage sensitivity :600V/W Typ	Rev.1.1

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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.