

Features

- Wide Band
- Flat Frequency Response
- High Sensitivity
- Low VSWR
- Customization Available Upon Request



Electrical Specifications (T_A=25°C)

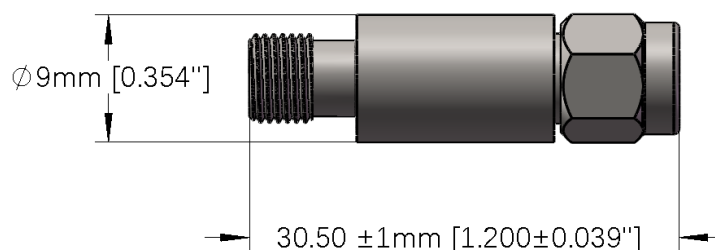
Parameter	Min.	Typ.	Max.	Unit
Frequency	0.01		40	GHz
Frequency Response*		±0.75	±1.0	dB
VSWR		1.65	1.85	-
Sensitivity	$\geq 0.35\text{mV (@-30dBm)}$ $\geq 185\text{mV (@0dBm)}$			mV/uW
Maximum Input Power	100			mW
Input Impedance	50 Ω			
Connector Type	2.92(M)-SMA(F)			
Material/ Finish	Stainless Steel Passivation			
Weight	9g			
Output Polarity	Negative			

Note: “*” Indicates the values are achieved at 0dBm input.

Environmental Specifications

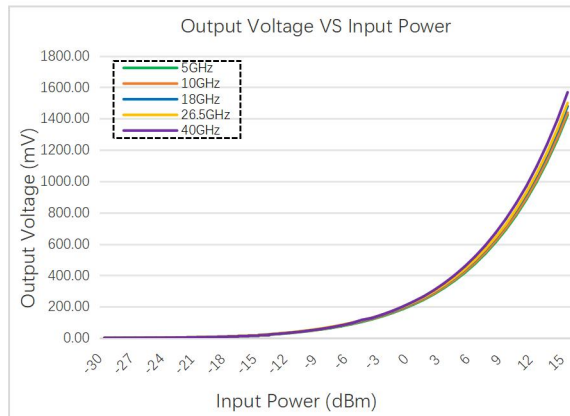
Operating Temperature	-20 to +60°C
Storage Temperature	-40 to +85°C

Outline Drawing

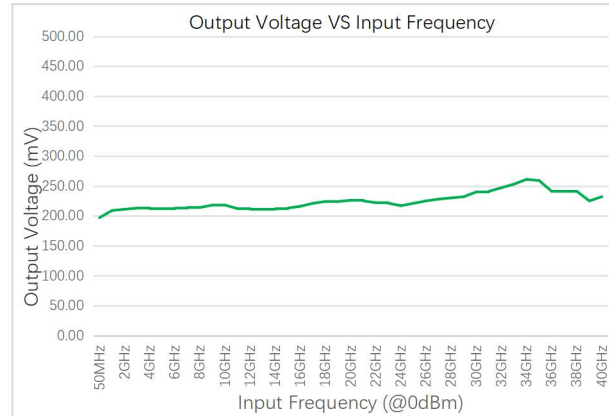


Typical Test Curve (@25°C)

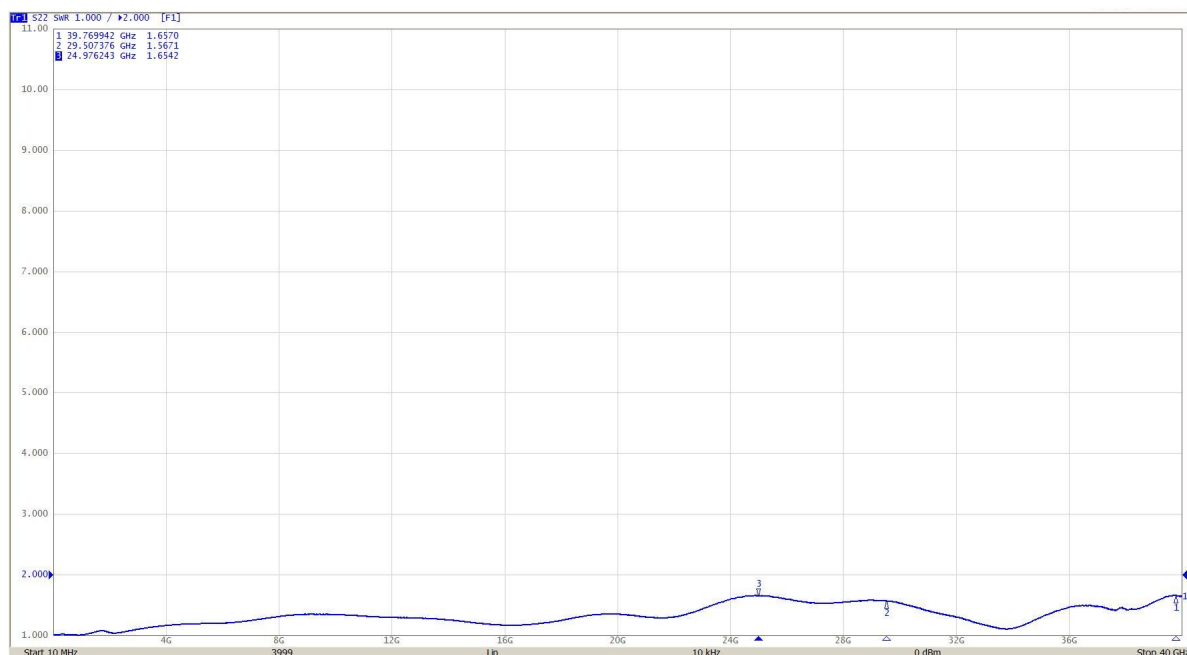
Output Voltage VS Input Power



Output Voltage VS Input Frequency



VSWR VS Frequency



Application Instructions

1. This product is an electrostatic sensitive device. ESD protection is required during storage, transportation and usage.



2. DC input is not allowed.