

EZR0112NB Zero Bias Schottky Detector

0.01 to 12.4 GHz SMA-F/SMA-M Negative Output Polarity



Technical Characteristics

Product Features

High Voltage Output Sensitivity

No bias required

Neg. (-) Polarity

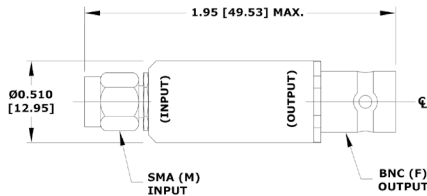
Broadband Flat Frequency Response

Max. Ratings

Storage Temperature: -65° to +150°C

Operating Temperature: 0° to +90°C

Maximum input power: 100mW CW



NOTES:

Specifications @ +25°C & -20dBm input power

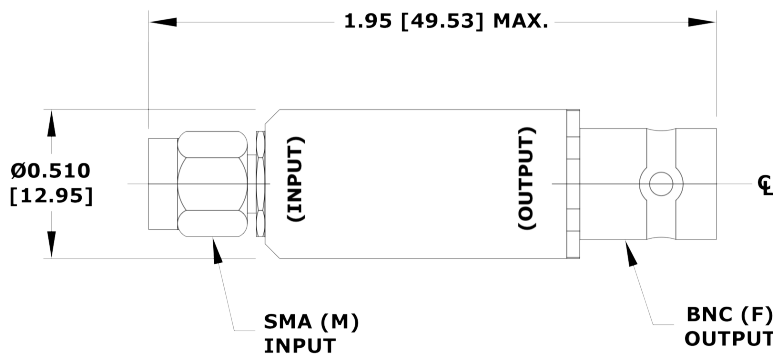
Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Voltage Sensitivity	0.01 to 12.4	1000	1200		mV/mW open circuit
Voltage Sensitivity Stability over Temperature					
VSWR	0.01 to 12.4		3.5:1		
Flatness	0.01 to 12.4			2	dB
Video Capacitance				470	pF
Risetime & Falltime @ +10 dBm					
Dynamic Range	0.01 to 12.4	-30		20	dBm
CW Power Handling				100	mW
Tss					
Operating Temperature		0		90	°C

NOTES:

1. Standard polarity is negative. For positive polarity, add a 'P', ex. EZR0112PA3
2. Typical values are measured at +25°C and are not guaranteed.

Outline Drawing



Product Export Classification
ECCN: EAR 99 (unless otherwise specified)
HTS: 8541.10.0060



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