

EZR8012PA3 Zero Bias Schottky Detector

SMA-F/SMA-M Positive Output Polarity

8.0 to 12.0 GHz



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

Technical Characteristics

Product Features

High Voltage Output Sensitivity
No bias required
Pos. (+) Polarity
Broadband Flat Frequency Response

Max. Ratings

Storage Temperature:	-65° to +150°C
Operating Temperature:	0° to +90°C
Maximum input power:	100mW CW

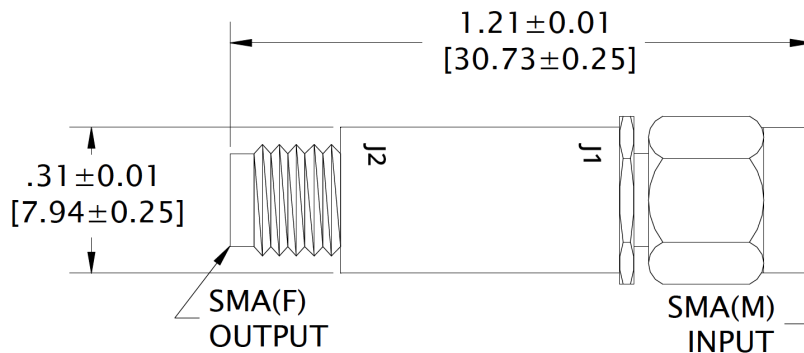
Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Voltage Sensitivity	8.0 to 12.0	2100	2200		mV/mW open circuit
Voltage Sensitivity Stability over Temperature					
VSWR	8.0 to 12.0		4.5:1		
Flatness	8.0 to 12.0			+/-0.4	dB
Polarity			Pos. (+)		
Video Capacitance			10	12	pF
Risetime & Falltime @ +10 dBm					
Dynamic Range					
CW Power Handling				100	mW
Tss			-53		dBm
Operating Temperature		0		+90	°C

NOTES:

1. TSS is measured with a 2 MHz video bandwidth and 2 dB LNA.
2. Typical values are measured at +25°C and are not guaranteed

Outline Drawing



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EZR Transfer Curve

