

EZR8018A3 Zero Bias Schottky Detector

8.0 to 18.0 GHz SMA-F/SMA-M Negative Output Polarity



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

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

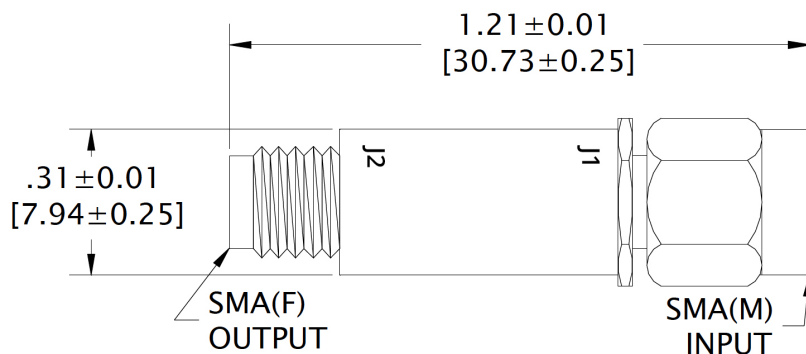
Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Voltage Sensitivity	8.0 to 18.0		1000		mV/mW open circuit
Voltage Sensitivity Stability over Temperature					
VSWR	8.0 to 18.0		4.5:1		
Flatness	8.0 to 18.0			+/-0.7	dB
Video Capacitance				10	pF
Risetime & Falltime @ +10 dBm					
Dynamic Range					
CW Power Handling				100	mW
Tss					
Operating Temperature		0		90	°C

NOTES:

1. Standard polarity is negative. For positive polarity, add a 'P', ex. EZR8018PA3
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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