

EZR0118A3 Zero Bias Schottky Detector

SMA-F/SMA-M Negative Output Polarity

0.01 to 18.0 GHz



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:	-25° to +90°C
Maximum input power:	100mW CW

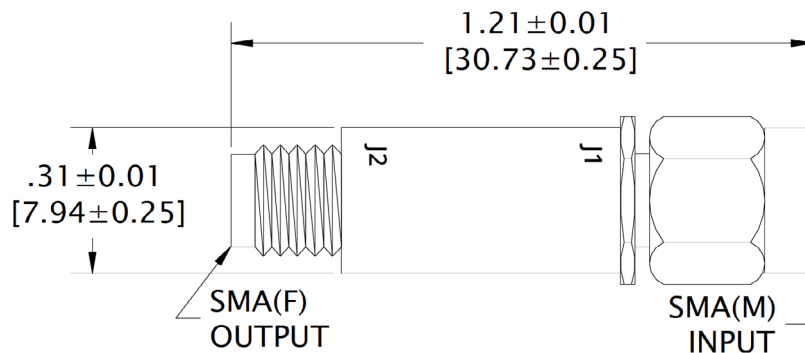
Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Voltage Sensitivity	0.01 to 18.0		1000		mV/mW open circuit
Voltage Sensitivity Stability over Temperature					
VSWR	0.01 to 18.0		4.5:1		
Flatness	0.01 to 18.0			-1	dB
Polarity			Neg.(-)		
Video Capacitance				470	pF
Risetime & Falltime @ +10 dBm					
Dynamic Range					
CW Power Handling				100	mW
Tss			-45		dBm
Operating Temperature		-25		90	°C

NOTES:

- Standard polarity is negative. For positive polarity, add a 'P', ex. EZR0118PA3
- Typical values are measured at +25°C and are not guaranteed

Outline Drawing



EZR0118A3 Zero Bias Schottky Detector

SMA-F/SMA-M Negative Output Polarity

0.01 to 18.0 GHz



EZR Transfer Curve

