

EZR2040A3 Zero Bias Schottky Detector

2.0 to 4.0 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

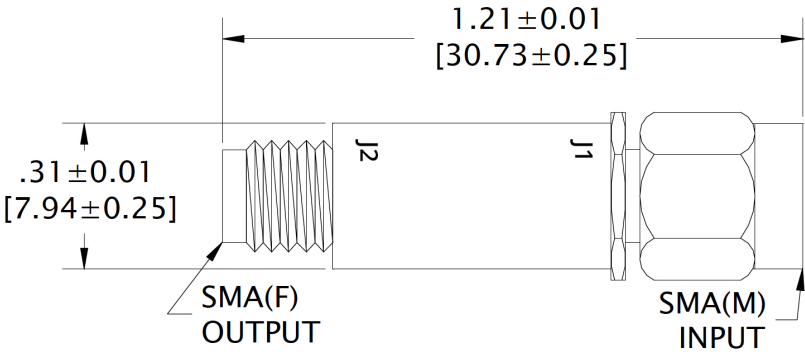
Storage Temperature:	-65° to +150°C
Operating Temperature:	0° to +90°C
Maximum input power:	100mW CW

Electrical Specifications

Parameters	Freq. (GHz)	Min.	Typical	Max.	Units
Voltage Sensitivity	2.0 to 4.0	1000	1200		mV/mW open circuit
Voltage Sensitivity Stability over Temperature					
VSWR	2.0 to 4.0		3.5:1		
Flatness	2.0 to 4.0			+/-0.5	dB
Video Capacitance				20	pF
Risetime & Falltime @ +10 dBm					
Dynamic Range					
CW Power Handling				100	mW
Tss					
Operating Temperature		0		90	°C

- NOTES:
- Standard polarity is negative. For positive polarity, add a 'P', ex. EZR2040PA3
 - 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

