

ZBD Schottky Detector, SMA Interface (A3)

0.01 to 12.4 GHz

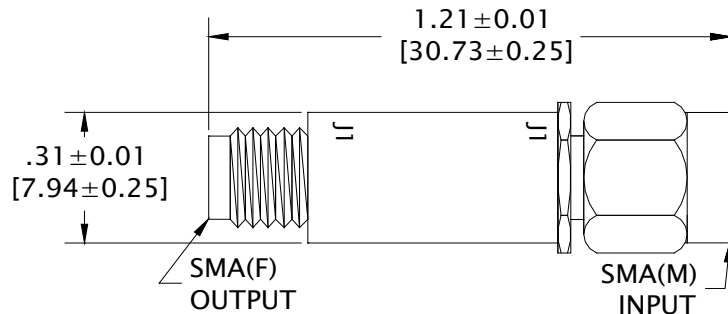
MODEL NO: EZM0112A3

PRODUCT FEATURE

- †No Bias Required
- †Negative (-) Polarity
- †Broadband Flat Frequency Response
- †Excellent VSWR

Max Input Power: +27 dBm Peak
+20 dBm CW
Operating Temperature: -54°C to +100°C
Storage Temperature: -65°C to +100°C

Specification @ 25°C & -20 dBm Input Power



Parameters	SPECIFICATION				
	FREQ. (GHz)	MIN (dB)	TYPICAL (dB)	MAX (dB)	Units
Voltage Sensitivity	0.01 to 12.4	300	500	600	mV/mW Open Circuit
Voltage Sensitivity Stability over Temperature	0.01 to 12.4	2.5	3.0	3.5	dB
VSWR	0.01 to 12.4		1.4	1.6	
Flatness			± 0.30	± 0.40	dB
Polarity			Neg(-)		eV
Video Capacitance		420	470	500	pF
Dynamic Range	0.01 to 12.4	-30		+20	dBm

NOTES:

1. Negative output polarity is standard. Add P to the end of the model number for positive polarity, EZM2070PA3
2. Typical values are measured at +25°C and are not guaranteed

Typical Performance @ 25°C

