

ZBD Schottky Detector, Package N

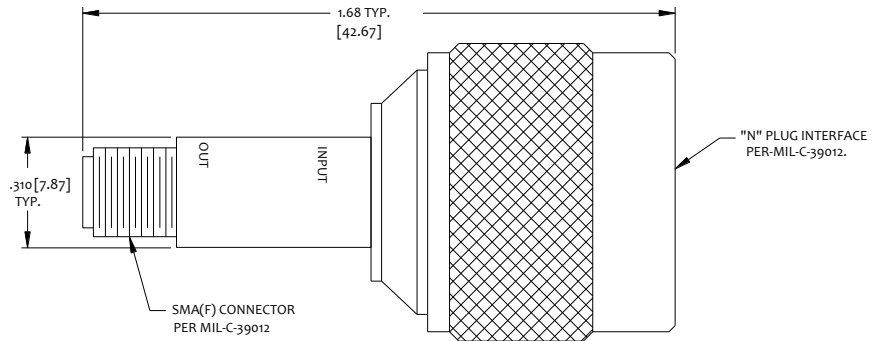
2.0 to 4.0 GHz

PRODUCT FEATURE

- †No Bias Required
- †Negative Standard Polarity
- †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	2.0 to 4.0	300	500	600	mV/mW Open Circuit
Voltage Sensitivity Stability over Temperature	2.0 to 4.0	2.5	3.0	3.5	dB
VSWR	2.0 to 4.0		1.2	1.3	
Flatness			0.20	0.25	dB
Polarity			Neg(-)		eV
Video Capacitance		15	20	30	pF
Dynamic Range	2.0 to 4.0	-30		+20	dBm

NOTES:

1. Negative output polarity is standard. Add P to the end of the model number for positive polarity, EZM2070PN
2. Typical values are measured at +25°C and are not guaranteed

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MODEL NO: EZM2040N

Typical Performance @ 25°C

EZM SERIES - Transfer Curve

