

ZBD Schottky Detector, QFN4

2.0 to 18.0 GHz

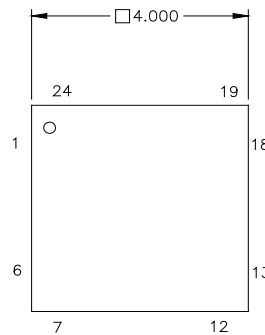
MODEL NO: EZM2018QFN4

PRODUCT FEATURE

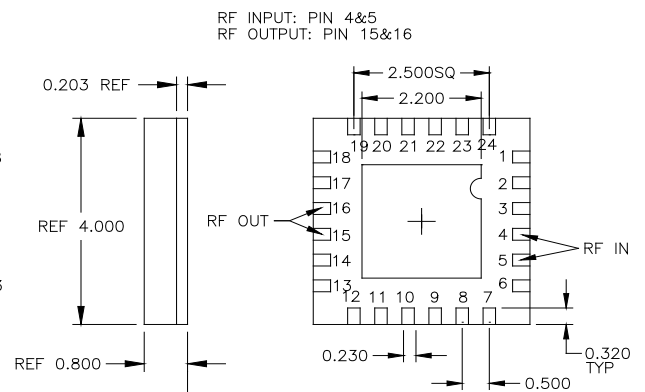
- †No Bias Required
- †Neg (-) Polarity
- †Broadband Flat Frequency Response
- †Excellent VSWR
- †CW Applications

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



TOP VIEW



BOTTOM VIEW

Parameters	SPECIFICATION				
	FREQ. (GHz)	MIN (dB)	TYPICAL (dB)	MAX (dB)	Units
Voltage Sensitivity	2.0 to 18.0	300	400		mV/mW Open Circuit
Voltage Sensitivity Stability over Temperature	2.0 to 18.0	2.5	3.0	3.5	dB
VSWR	2.0 to 16.0 to 18.5		1.5:1 1.8:1	1.8:1 2.2:1	
Flatness	2.0 to 16.0 to 18.5		±0.50 ±1.0	±0.80 ±1.5	dB dB
Polarity			Neg(-)		eV
Video Capacitance		10	20	30	pF
Video Resistance			1500		Ohms
Dynamic Range	2.0 to 18.0	-30		+20	dBm

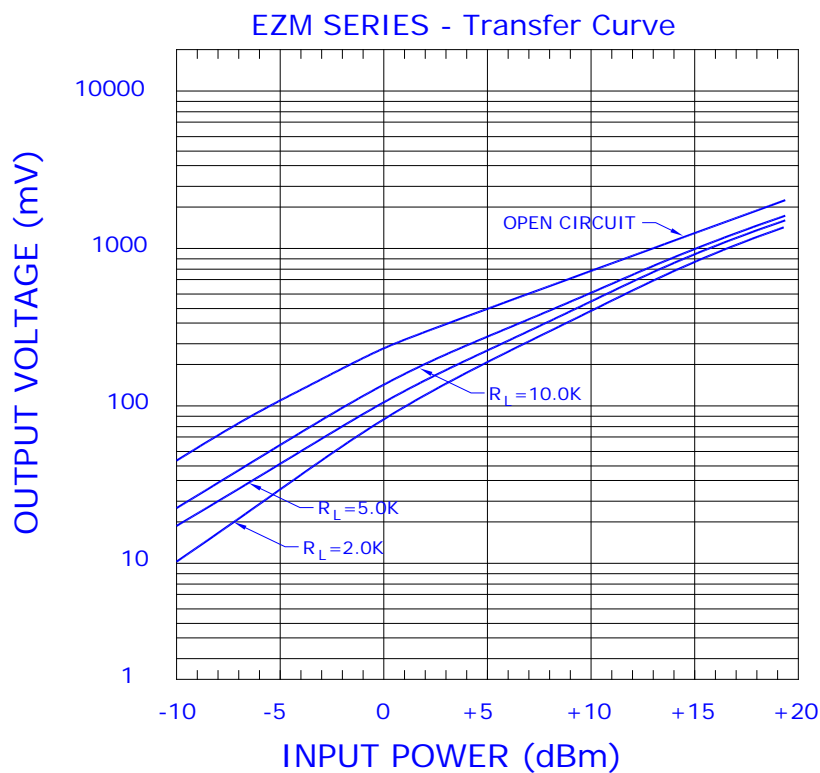
NOTES:

- Negative output polarity is standard. Add P to the end of the model number for positive polarity, EZM2018PA3
- Typical values are measured at +25°C and are not guaranteed

ZBD Schottky Detector, QFN4

2.0 to 18.0 GHz

MODEL NO: EZM2018QFN4



Frequency Flatness & Return Loss

