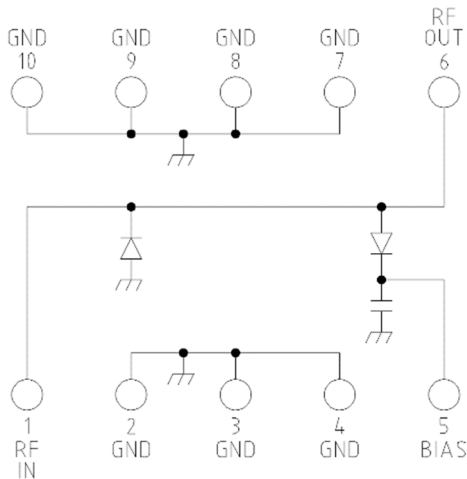


FEATURES

- Frequency Range: 20 – 500 MHz
- Low Insertion Loss 0.6dB Typical
- VSWR: Low 1.25:1 Typical
- 10 Watt CW Input Power
- Low Leakage +15.6dBm Typical
- Adjustable Bias for Higher OIP3 and P1dB
- Surface Mount Package
- Hermetically Sealed

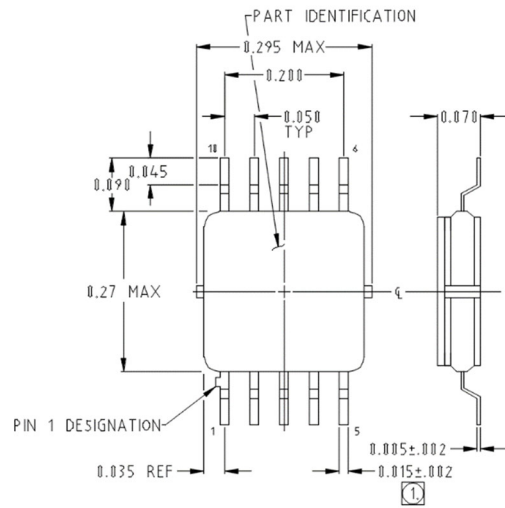
FUNCTIONAL BLOCK DIAGRAM



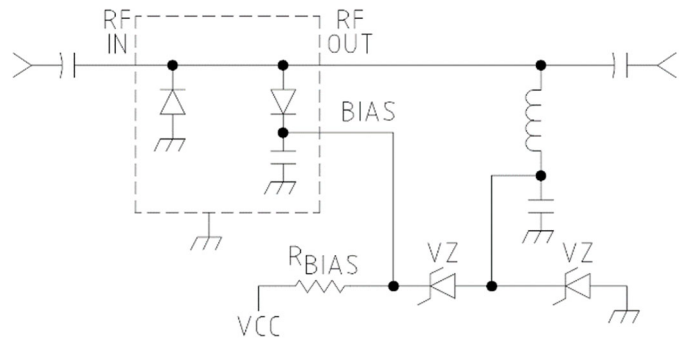
PRODUCT SPECIFICATION

Parameter	Min	Typ	Max	Units	
Frequency	20		500	MHz	
Insertion Loss		0.6	1	dB	
Leakage		+15.6	+16	dBm	+30dBm In at 0Vz
Spike Leakage		+15.6	+16	dBm	+30dBm In at 0Vz
Recovery Time			10	nSec	
VSWR		1.25:1	1.30:1		
Impedance		50		Ω	
Intercept Point, 3 rd	+35			dBm	2x -5dBm Input
3 rd	+32			dBm	2x -5dBm +85°C
RF Input Power	+12		+33 +40	dBm	P1dB Adjustable CW Infinite Heatsink
Temperature	-46	+25	+85	°C	Ta

OUTLINE DRAWING



TYPICAL APPLICATION



TYPICAL PERFORMANCE

