

50 ~ 1000 MHz 27 dBm Power Amplifier

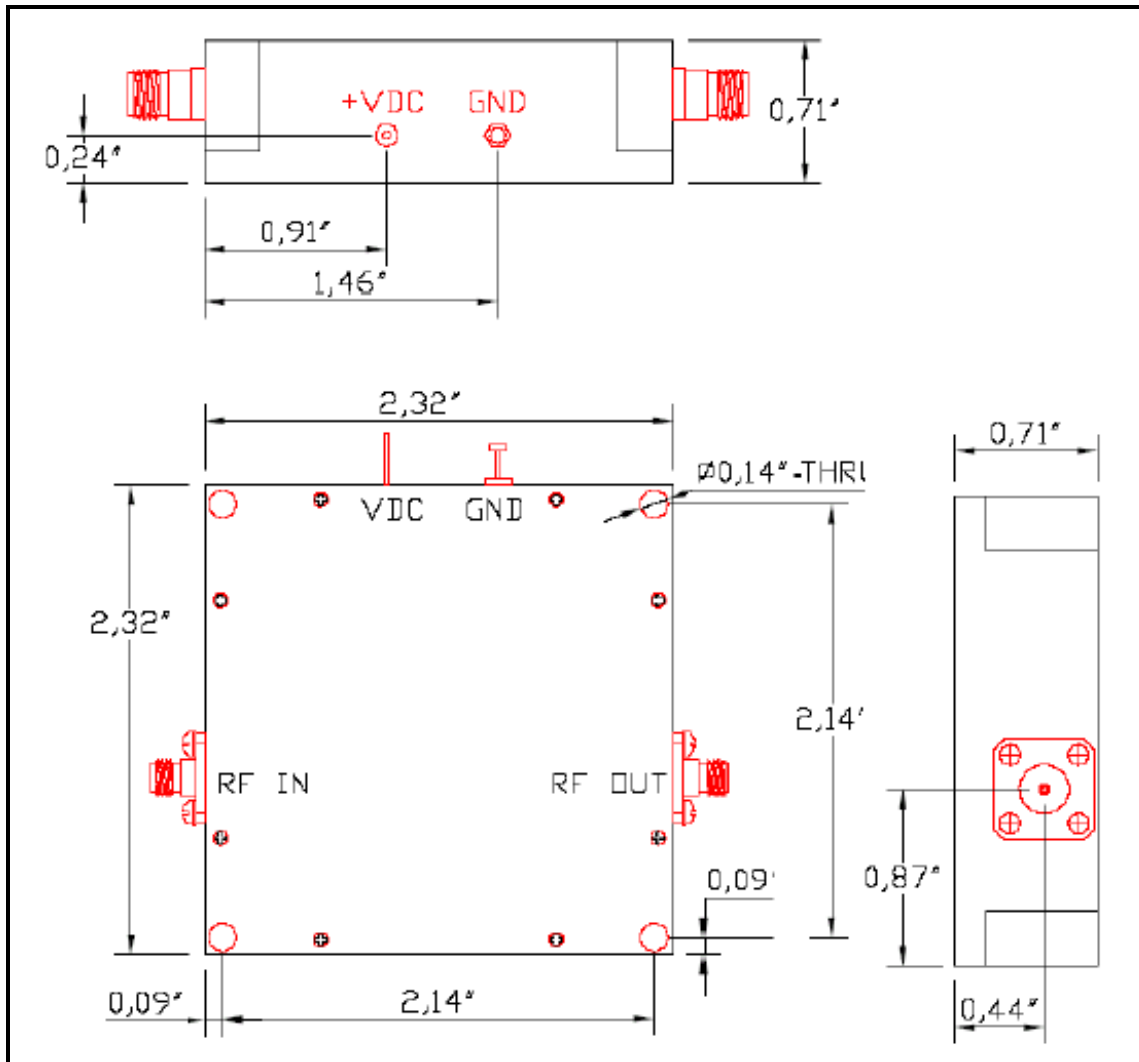
FEATURES

- P_{1dB} : 27 dBm, min.
- Small Signal Gain: 24 dB, min.
- Bias Condition: 400 mA @ 12 V

ELECTRICAL SPECIFICATIONS (specified at 25C)

SYMBOL	DESCRIPTION	MIN	TYP	MAX	UNITS
FREQ	Frequency Range	50		1000	MHz
SSG	Small Signal Gain	24	26		dB
GOF	Small Signal Gain Flatness			±0.75	dB
P_{1dB}	Output Power at 1 dB Gain Compression	27	28		dBm
IP3	The 3 rd Intercept Point		36		dBm
NF	Noise Figure		5		dB
VSWR, IN	Input VSWR		1.9 : 1	2 : 1	-----
VSWR, OUT	Output VSWR		1.9 : 1	2 : 1	-----
Vdc	DC Supply Voltage(with built-in regulator)	11	12	15	Volt
Idc	Current Supply		400		mA
OTR	Operating Temperature Range	-30		70	°C

Housing: HZ9, as shown in page 2



Unit : inch