

Features: (typical values)

- Low Noise Figure 0.7 dB.
- Power Out 10 dBm.
- Gain 26 dB.
- IP3 25 dBm.
- No external components required

**4-8 GHz
Low Noise Amplifier**

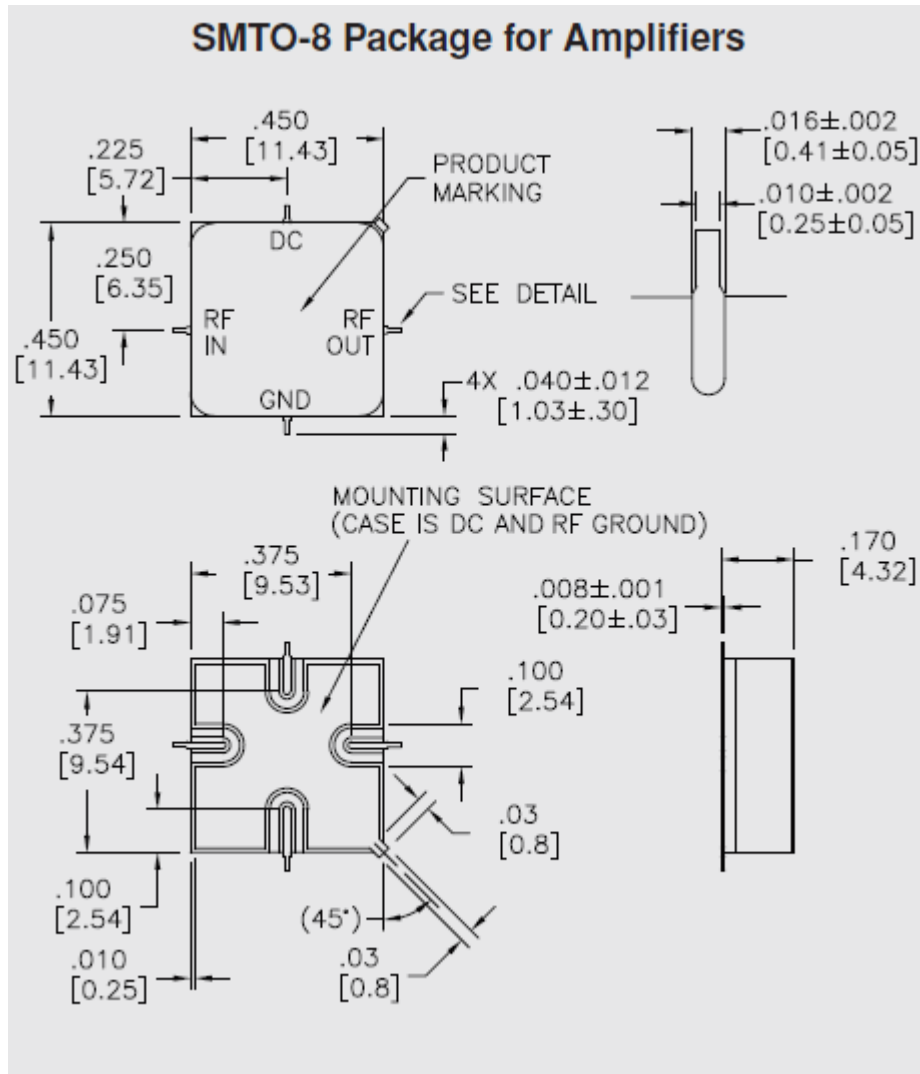
Maximum Ratings

Operating Temperature -20°C to +70°C
 Storage Temperature -55°C to +125°C
 DC Voltage +5 volts
 RF Input Power 0 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

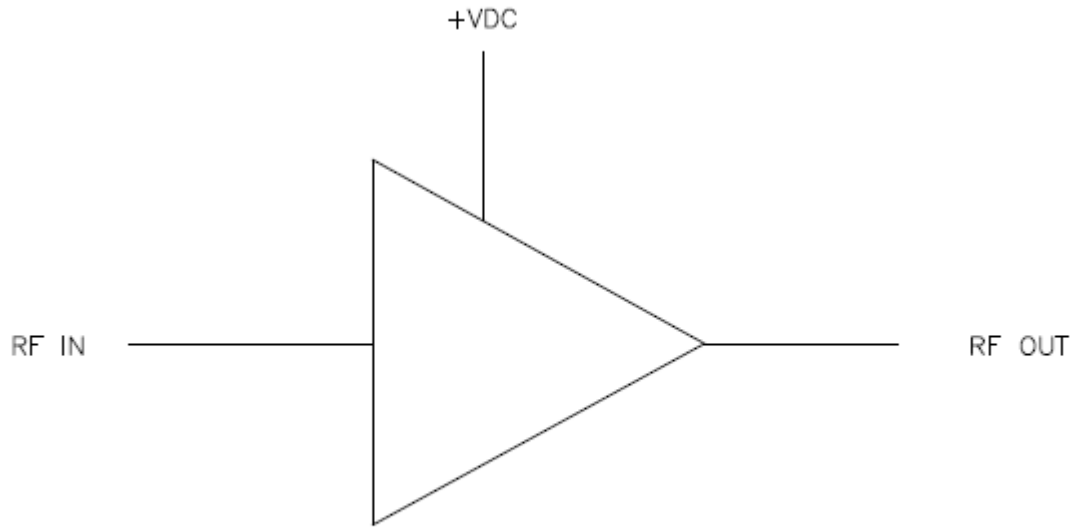
Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		4	8	GHz.
Gain	26	24	28	dB.
Gain Flatness	±0.4		±0.75	dB.
Noise Figure	0.7		1.0	dB.
Pout @ P1dB	+10	+9		dBm.
IP3/IP2	25/35			dBm.
VSWR In/Out	1.5:1		1.7:1	Ratio
Supply Required	+5/30		+5/40	v/mA.

OUTLINE



HERMETIC SEAL PACKAGE

FUNCTIONAL BLOCK DIAGRAM



NO EXTERNAL COMPONENT REQUIRED