

Part/Keyword Search



Detailed Drawing



Printer Friendly Datasheet

RN8210 / SRN8210*

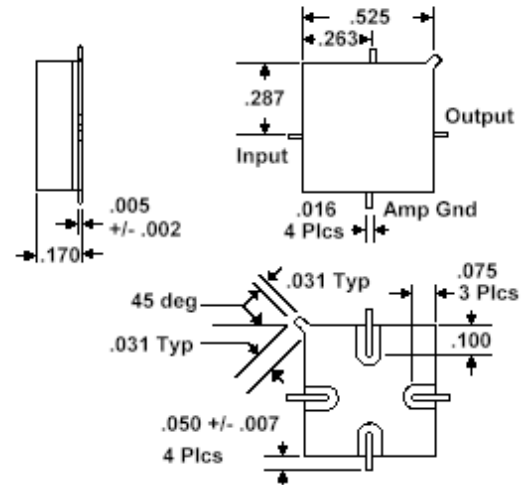
* Part number for additional environmental screening.

Performance Data

Frequency	0.0 - 600.0 MHz
Gain	10.0 dB Typical 9.0 dB Min
Noise Figure	6.0 dB Typical 7.5 dB Max
P _{1dB}	-3.5 dBm Typical -6.0 dBm Min
3 rd Order Intercept	7.0 dBm Typical
2 nd Order Intercept	8.0 dBm Typical
VSWR	1.8/2.5 Input Typ/Max 1.8/2.5 Output Typ/Max
Reverse Isolation	-15.0 dB Typical -14.0 dB Min
Power Supply	1.8 Volts 10.0 mA
Operating Temperature	-55.0 - 125.0 °C

Package Drawing

SM-19 Surface Mount Package



Gain

dB



Frequency (MHz)

Noise Figure

dB



Frequency (MHz)

P_{1dB} Compression Point

dBm



Frequency (MHz)

Reverse Isolation

dB



- Products
- Amplifiers
- VCOs
- Limiting Amplifiers
- Switches
- Linearizers
- Limiters
- Analog Attenuators
- Digital Attenuators
- Detectors

Frequency (MHz)

Input VSWR



Frequency (MHz)

Output VSWR



Frequency (MHz)

Absolute Maximum Conditions

Maximum Operating Temperature	-55.0 - 125.0 °C	Maximum Storage Temperature	-62.0 - 125.0 °C
Maximum Case Temperature	125.0 °C	Maximum Supply Current	25.0 mA
Continuous RF Input Power	6.0 dBm	Short Term RF Input Power (1 minute max)	25.0 mW
Maximum Peak Power (3 µsec max)	0.2 W		

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