

Part/Keyword Search



Detailed Drawing



Printer Friendly Datasheet

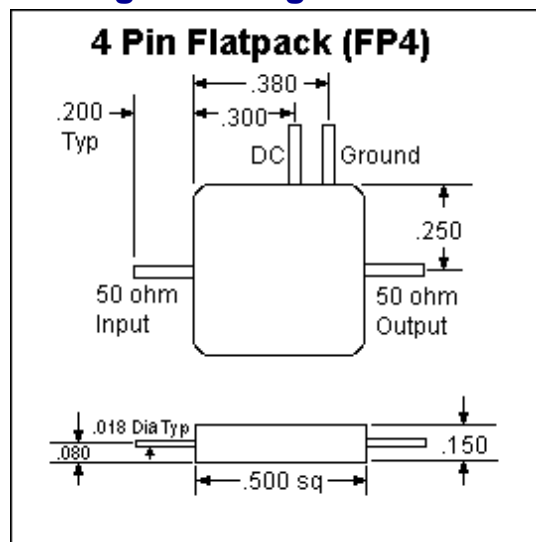
FP8330 / SP8330*

* Part number for additional environmental screening.

Performance Data

Frequency	0.0 - 1000.0 MHz
Gain	6.2 dB Typical 5.0 dB Min
Noise Figure	9.5 dB Typical 11.0 dB Max
P _{1dB}	14.0 dBm Typical 10.0 dBm Min
3 rd Order Intercept	25.0 dBm Typical
2 nd Order Intercept	31.0 dBm Typical
VSWR	2.5/3.0 Input Typ/Max 2.5/3.0 Output Typ/Max
Reverse Isolation	-14.0 dB Typical -12.0 dB Min
Power Supply	4.5 Volts 60.0 mA
Operating Temperature	-55.0 - 125.0 °C

Package Drawing



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	100.0 mA
Continuous RF Input Power	18.0 dBm	Short Term RF Input Power (1 minute max)	100.0 mW
Maximum Peak Power (3 µsec max)	0.5 W		

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