

Part/Keyword Search



Detailed Drawing



Printer Friendly
Datasheet

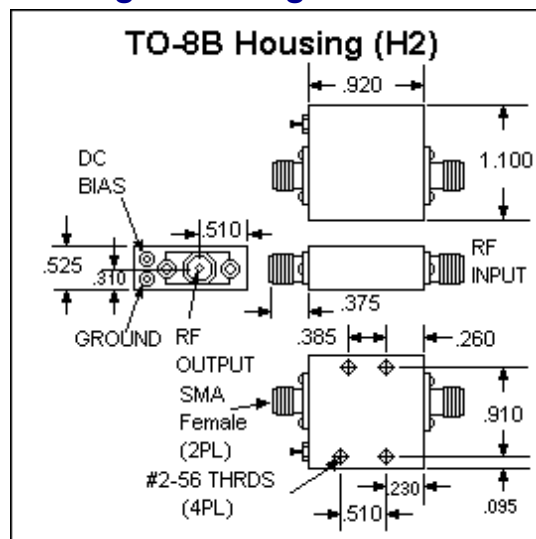
BR3045 / SBR3045*

* Part number for additional environmental screening.

Performance Data

Frequency	5.0 - 125.0 MHz
Gain	15.0 dB Typical 14.0 dB Min
Noise Figure	2.0 dB Typical 2.5 dB Max
P _{1dB}	16.0 dBm Typical 14.0 dBm Min
3 rd Order Intercept	29.0 dBm Typical
2 nd Order Intercept	39.0 dBm Typical
VSWR	1.4/2.0 Input Typ/Max 1.4/2.0 Output Typ/Max
Reverse Isolation	-18.0 dB Typical -17.0 dB Min
Power Supply	12.0 Volts 29.0 mA
Operating Temperature	-40.0 - 85.0 °C

Package Drawing



Gain

dB



Frequency (MHz)

Noise Figure

dB



Frequency (MHz)

P_{1dB} Compression Point

dBm



Frequency (MHz)

Reverse Isolation

dB



Frequency (MHz)

Input VSWR



Frequency (MHz)

Output VSWR



Frequency (MHz)

Absolute Maximum Conditions

Maximum Operating Temperature	-55.0 - 100.0 °C	Maximum Storage Temperature	-62.0 - 125.0 °C
Maximum Case Temperature	125.0 °C	Maximum Supply Voltage	18.0 Volts
Continuous RF Input Power	13.0 dBm	Short Term RF Input Power (1 minute max)	50.0 mW
Maximum Peak Power (3 µsec max)	0.5 W		

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