

Part/Keyword Search



Detailed Drawing



Printer Friendly
Datasheet

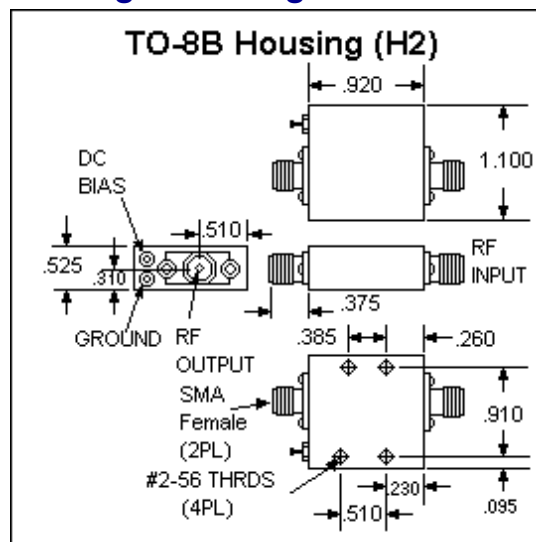
BR8110 / SBR8110*

* Part number for additional environmental screening.

Performance Data

Frequency	0.0 - 400.0 MHz
Gain	15.0 dB Typical 13.0 dB Min
Noise Figure	4.0 dB Typical 5.5 dB Max
P _{1dB}	-0.2 dBm Typical -5.0 dBm Min
3 rd Order Intercept	10.0 dBm Typical
2 nd Order Intercept	8.0 dBm Typical
VSWR	1.5/2.5 Input Typ/Max 2.0/2.5 Output Typ/Max
Reverse Isolation	-19.0 dB Typical -18.0 dB Min
Power Supply	3.0 Volts 10.0 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



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		

Amplifonix | 2707 Black Lake Place | Philadelphia, PA 19154
Tel: 215.464.4000 | FAX: 215.464.4001 | Email: info@amplifonix.com

i2 Technologies US, Inc.

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