

Part/Keyword Search

Products

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



Detailed Drawing



Printer Friendly Datasheet

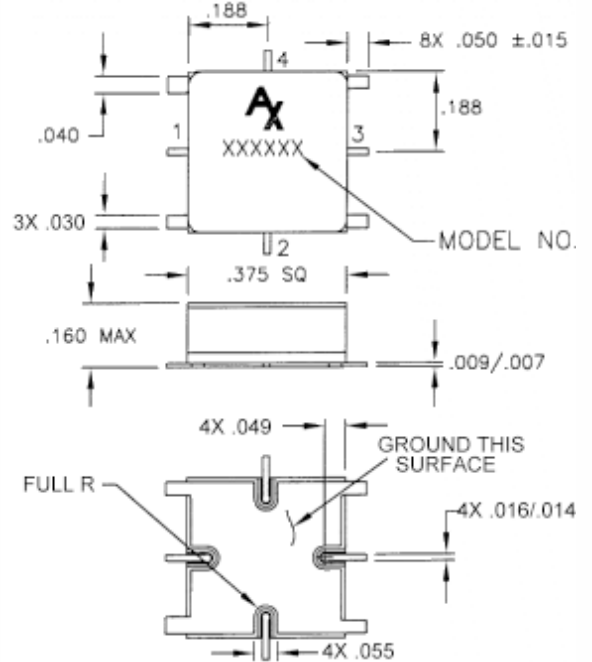
PN3074 / SPN3074*

* Part number for additional environmental screening.

Performance Data

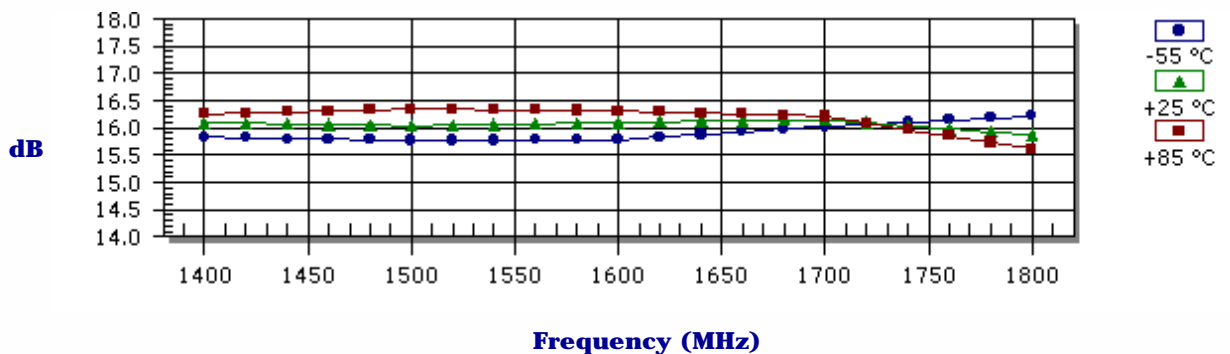
Frequency	1400.0 - 1800.0 MHz
Gain	16.0 dB Typical 15.0 dB Min
Noise Figure	1.5 dB Typical 2.5 dB Max
P _{1dB}	17.0 dBm Typical 16.0 dBm Min
3 rd Order Intercept	28.0 dBm Typical
2 nd Order Intercept	38.0 dBm Typical
VSWR	1.7/2.0 Input Typ/Max 1.7/2.0 Output Typ/Max
Reverse Isolation	-21.0 dB Typical -19.0 dB Min
Power Supply	5.0 Volts 63.0 mA
Operating Temperature	-55.0 - 85.0 °C

Package Drawing

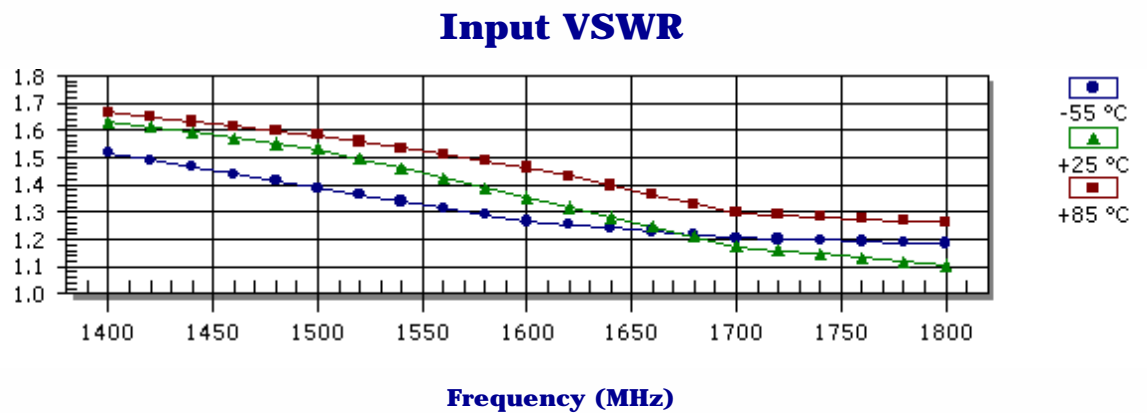
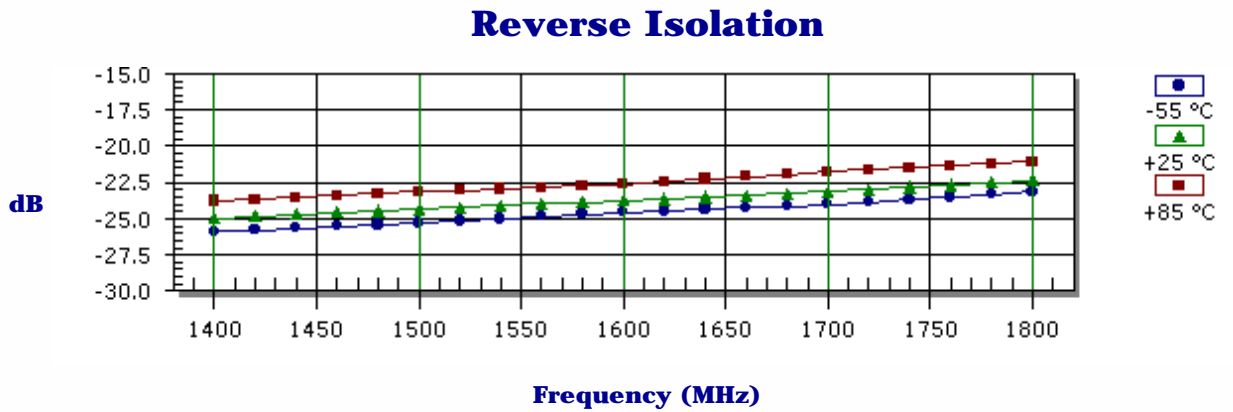
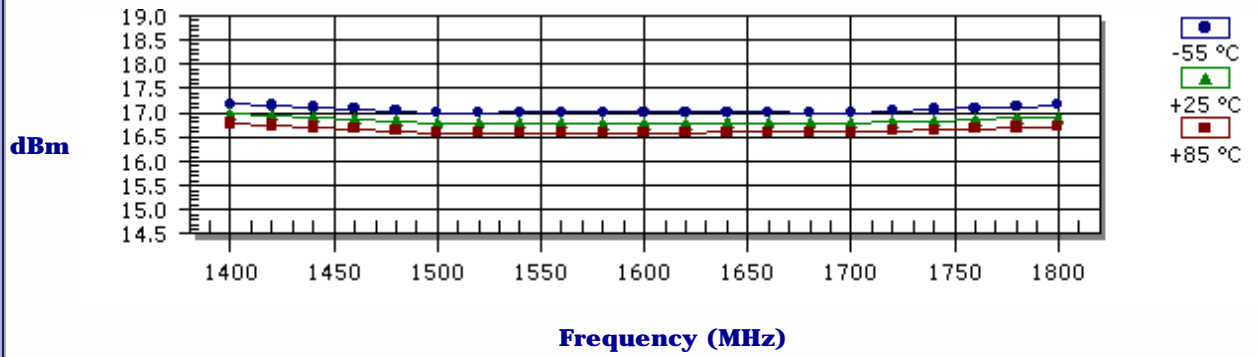
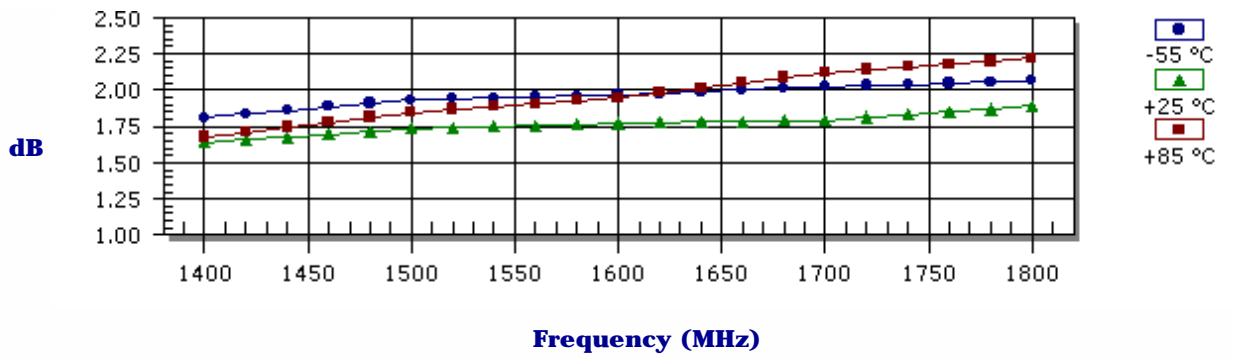


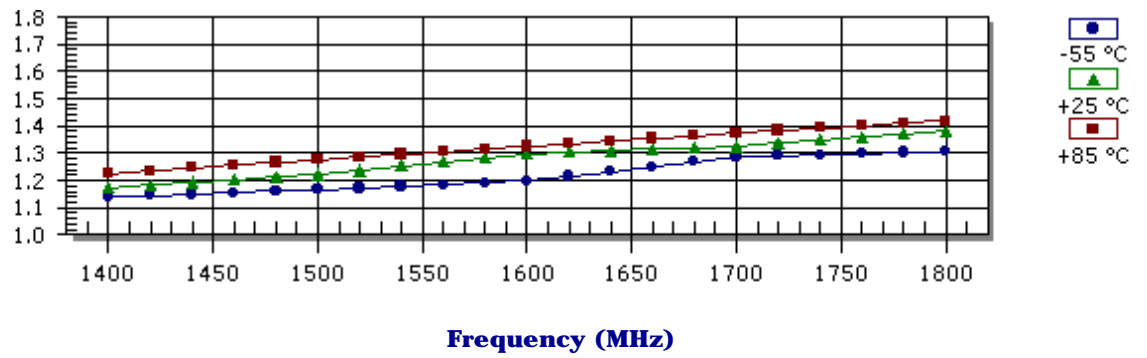
Note: Care should always be taken to effectively ground the case of each unit.

Gain



Noise Figure





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	8.0 Volts
Continuous RF Input Power	10.0 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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