

Part/Keyword Search

Products

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



Detailed Drawing



Printer Friendly Datasheet

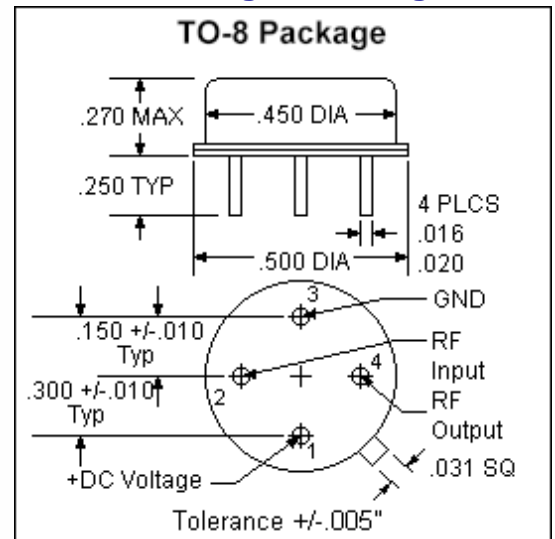
TM7302 / SM7302*

* Part number for additional environmental screening.

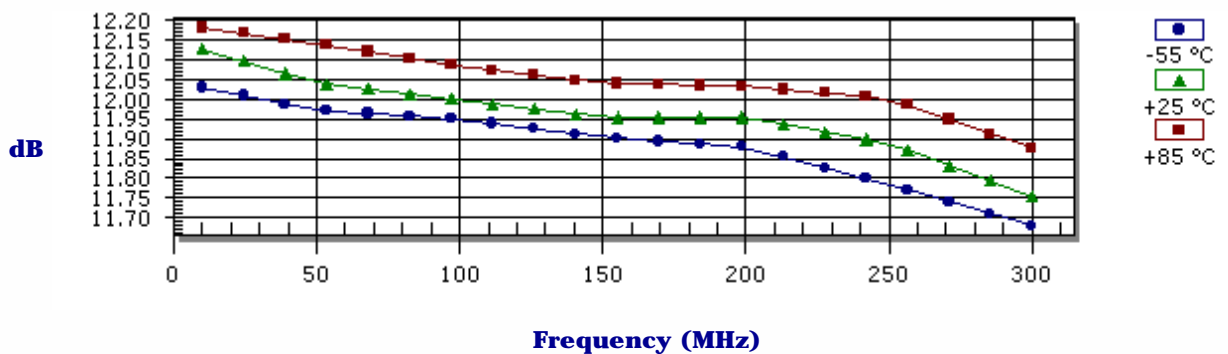
Performance Data

Frequency	10.0 - 300.0 MHz
Gain	11.8 dB Typical 11.0 dB Min
Noise Figure	6.0 dB Typical 8.0 dB Max
P _{1dB}	25.0 dBm Typical 23.5 dBm Min
3 rd Order Intercept	38.0 dBm Typical
2 nd Order Intercept	50.0 dBm Typical
VSWR	1.7/2.0 Input Typ/Max 1.7/2.0 Output Typ/Max
Reverse Isolation	-16.0 dB Typical -13.5 dB Min
Power Supply	24.0 Volts 100.0 mA
Operating Temperature	-55.0 - 71.0 °C

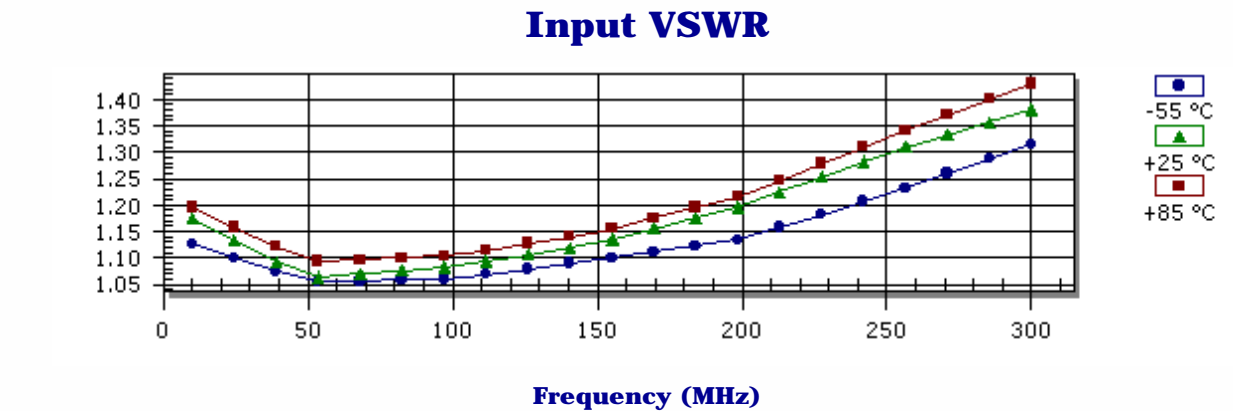
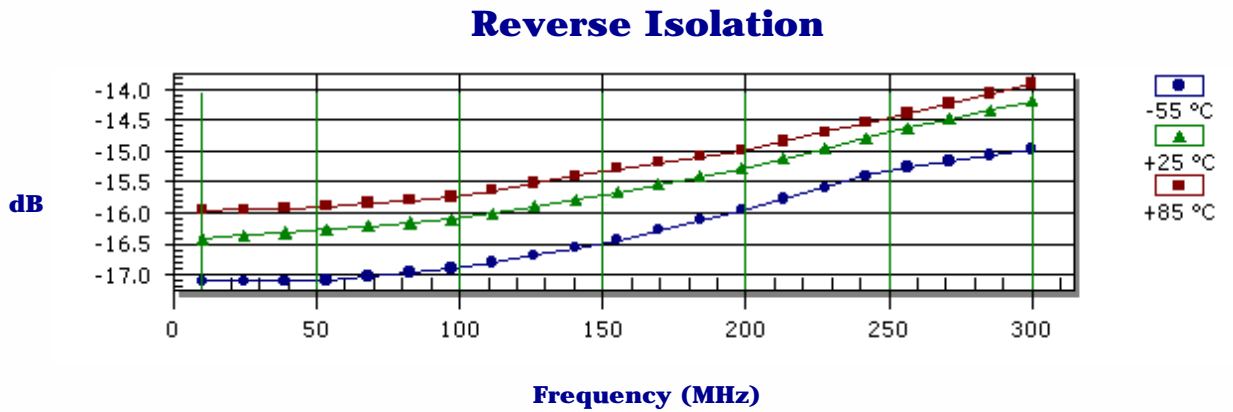
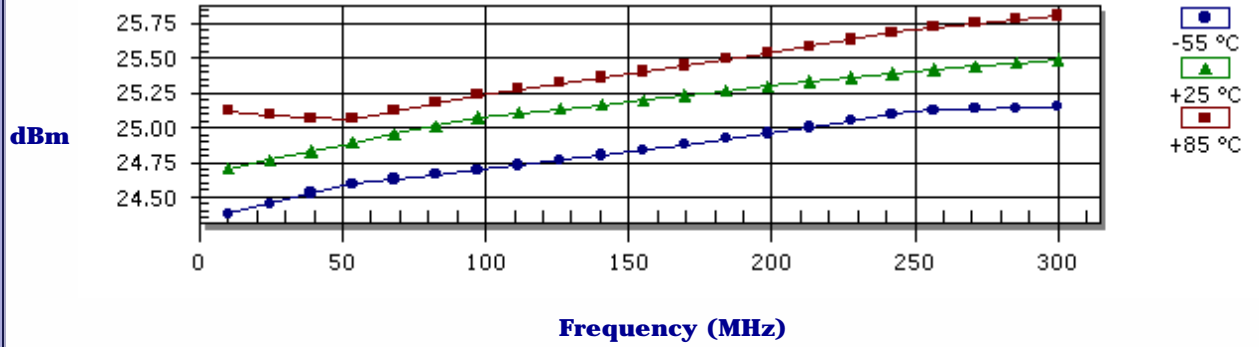
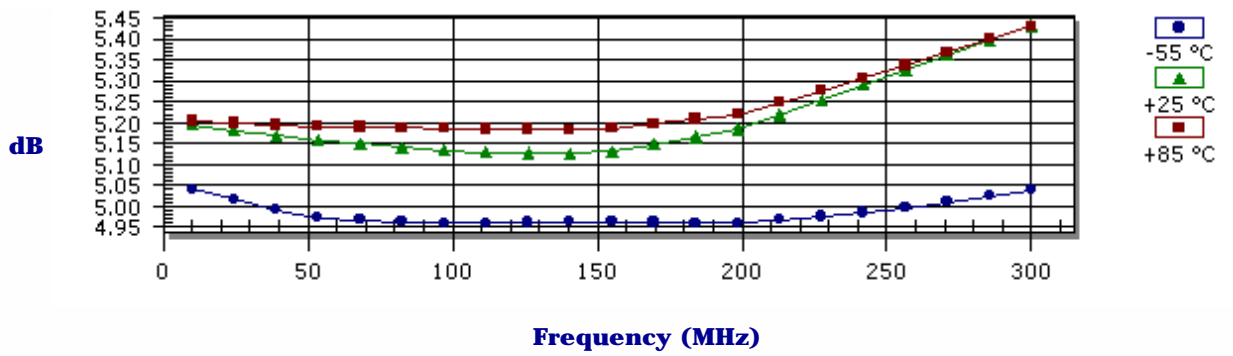
Package Drawing



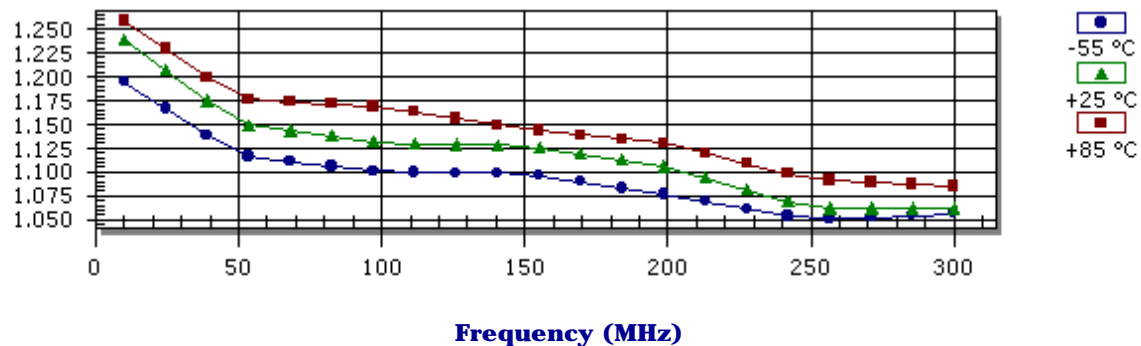
Gain



Noise Figure



Output VSWR



Absolute Maximum Conditions

Maximum Operating Temperature	-55.0 - 85.0 °C	Maximum Storage Temperature	-62.0 - 125.0 °C
Maximum Case Temperature	125.0 °C	Maximum Supply Voltage	25.0 Volts
Continuous RF Input Power	20.0 dBm	Short Term RF Input Power (1 minute max)	200.0 mW
Maximum Peak Power (3 µsec max)	0.5 W		

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