

MICROMODULE DEMODULATOR CATALOGUE#: 62145

GENERAL DESCRIPTION

The McNab "Micromodule Demodulator" (Catalogue#: 62145), is a member of McNab's modular, solid state (electronic) micromodules. The device offers exceptional operational and temperature stability over a wide input signal range.

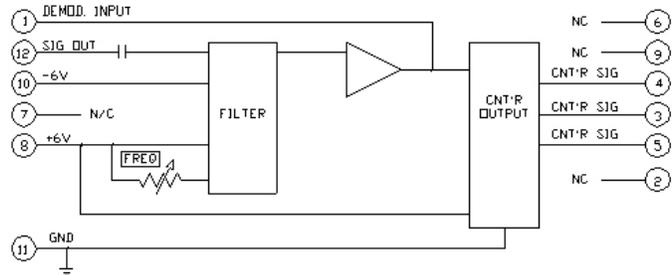
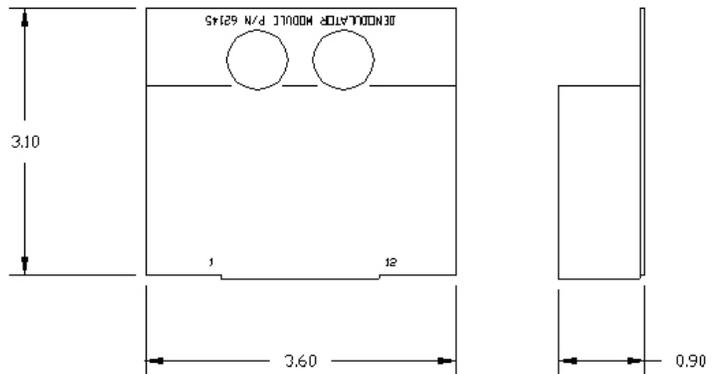
APPLICATION

The Micromodule Demodulator is an FM decoding device that can be used to condition a modulated signal, and send out multiple control signals that relay information proportional to the input signal.

SPECIFICATIONS

Center Frequency (Fo):	1570 Hz (Typical)
Deviation Bandwidth:	30% (15% of Fo) for full range
Operating Freq. Temp. Coefficient:	-100ppm/EC
VCO Operating Frequency:	500 kHz (Maximum)
VCO Sensitivity:	6.6 kHz/V
Tracking Range:	+/- 50% of Fo
Repeatability:	0.01% of full scale
Frequency Drift w/supply Voltage:	0.01%/V
Power Requirements:	+6.0 VDC, -6.0 VDC (+/- 5%)
Power Dissipation:	300 mW (Maximum)
Power supply Current:	8.0 mA (Typical)
Input Impedance:	2.0 kohms (Typical)
Output Impedance:	10 ohm (w/high output)
Weight:	5 oz. (Maximum)
Temperature Range:	14 to 149°F - operating
	Interface: 12 Pin friction lock socket, 0.156 center to center (between pins), 0.045" pin diameter

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.



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