



# MICROMODULE RECEIVER

## CATALOGUE#: 62155- (M-\_\_\_\_\_)

### GENERAL DESCRIPTION

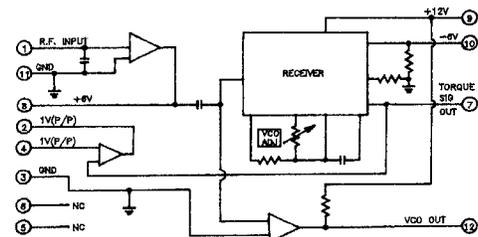
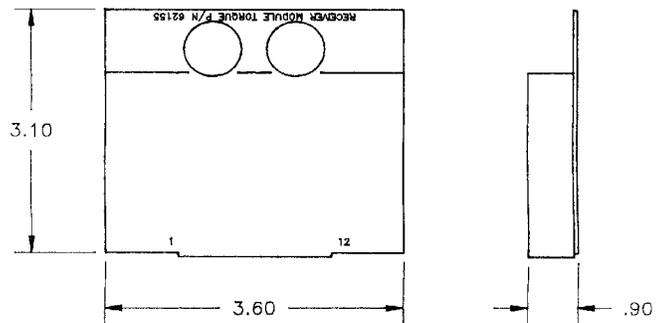
The McNab "Micromodule Receiver" (Catalogue#: 62155) is a member of McNab's modular, solid-state (electronic) micromodules. The device offers exceptional operational stability with minimal distortion over a dynamic temperature and input signal range. The suffix M-\_\_\_\_\_ is for the product variation sometimes as a ship's class alteration of gain or the like.

### APPLICATION

The Micromodule Receiver is a highly versatile component designed for a variety of applications in analog communication systems. The module is designed to respond to the output of an RF transmitter, by utilizing its frequency selective tuning capabilities.

### SPECIFICATIONS

Modulation Type	FM/FM (100 kHz Deviation, Typical)
Capture Range:	9.90 MHz to 11.10 MHz
Receiver Center Frequency (Fo):	10.68 MHz (+- .05) Typical
Modulation Frequency Range:	1.0 kHz to 2.2 kHz
Modulation Center Frequency:	1570 Hz (Typical)
Linearity:	0.1% of full scale
Repeatability:	0.1% of full scale
Signal to Noise Ratio:	Better than 40 dB
Accuracy:	+/- 0.5% of full scale
Input Signal Range:	0.30 mV to 3.0 V
Distortion:	0.5% (THD), Maximum
Frequency Selective Tuning:	Screwdriver adjustable between receiver capture range.
Power Requirements:	+6.0 VDC, -6.0 VDC, +12.0 VDC Power
Dissipation:	300 mW (Maximum)
Input Impedance:	100 kohms (Typical)
Output Impedance:	1 ohm (Typical)
Weight:	5 oz. (Maximum)
Temperature Range:	14°F to 149°F - operating
Interface:	12 pin friction lock socket



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

### McNAB, INCORPORATED

20 North MacQuesten Parkway ♦ Mount Vernon, NY 10550 USA

Phone: 914-699-1616 ♦ Fax: 914-699-1671

Web: [www.themcnab.com](http://www.themcnab.com) ♦ E-mail: [info@themcnab.com](mailto:info@themcnab.com)