



TECHNICAL DESCRIPTION

**Model 6135
TIME CODE DISPLAY**

September 30, 2003

ITS MODEL 6135

TIME CODE DISPLAY

1.0 GENERAL

The ITS Model 6135 Time Code Display is a ruggedized unit that decodes and displays the IRIG B Serial Time Code. The unit displays the time as Days, Hours, Minutes and Seconds on an LED display. The 6135 is housed in a 5.75 x 1.5 x 5.0 inch enclosure designed for aircraft mounting. It is powered by 28VDC aircraft power.

2.0 CHARACTERISTICS

2.1 TIME DISPLAY MODE

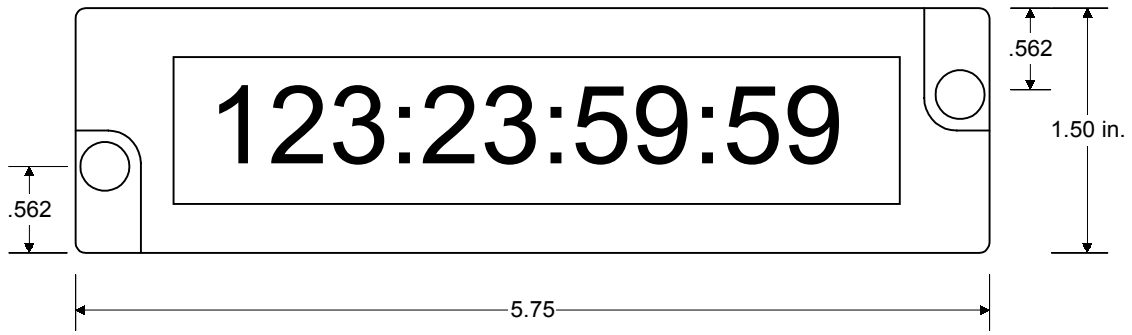
The 6135 displays the applied time code or in the absence of an applied signal, an internal clock. Display is nine digits, DDD:HH:MM:SS.

If there is a loss of serial time code input, the displayed colons flash at a 1Hz rate to alert the operator that the 6135 is operating on the internal clock.

3.0 MECHANICAL CONFIGURATION

The 6135 is housed in an aluminum enclosure, 5.75 inches wide, 1.5 inches high and 5 inches deep (not including rear panel connectors). All circuitry is on a single printed wiring board. Connections to the PWA are via mating connectors, no edge connectors are used.

Power and the serial time code signal are applied via two rear panel connectors. See Figure 1.



Note: Display font shown represents approximate size however the actual font is in "seven segment" format

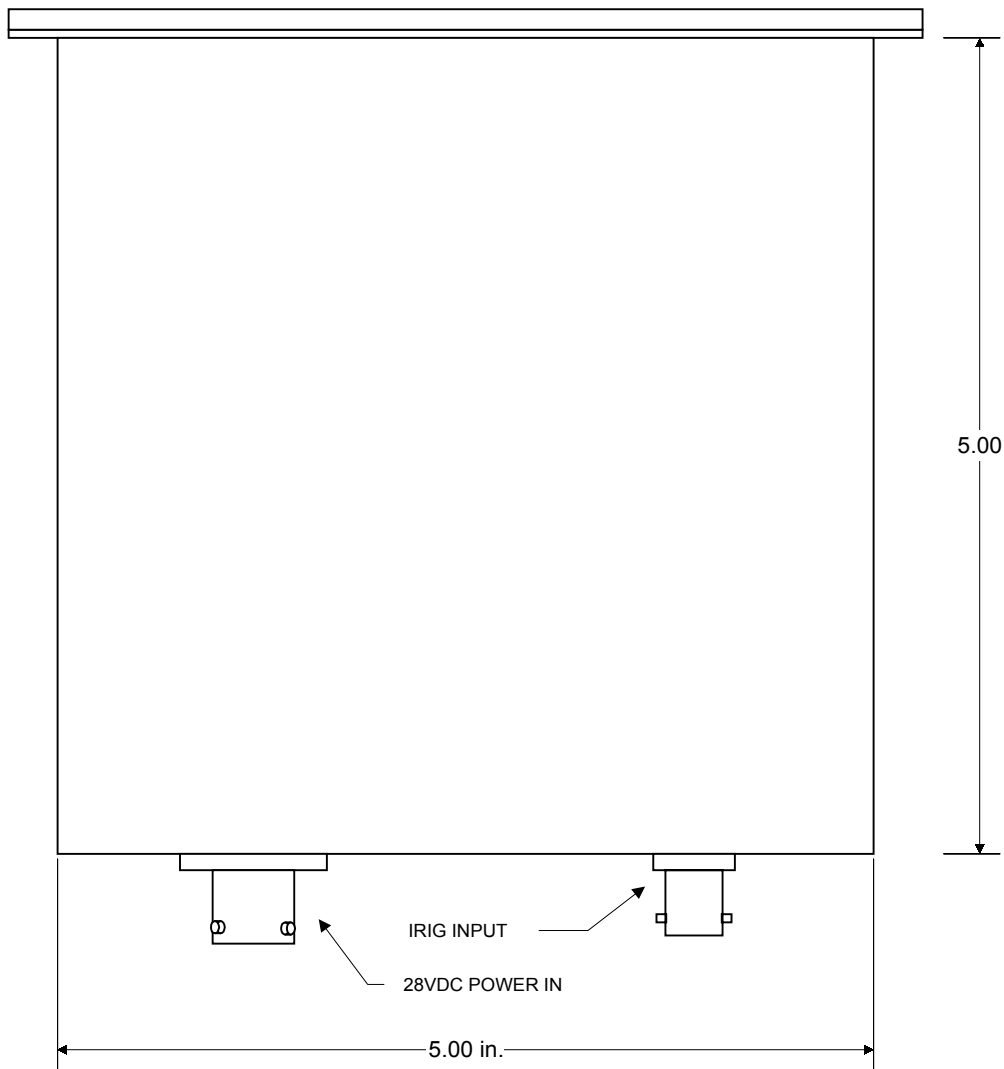


Figure 1

