INTERVAL TIMER-FIXED SOLID STATE OUTPUT

4800

FEATURES:

- Hermetic Package
- Built to MIL-R-83726 Environmentals

ELECTRICAL SPECIFICATIONS:

Timing Range: 50 ms to 600s

Tolerance: ±10%

Repeatability: ±2%

Recycle Time: 10 ms

Input Data:

Input voltage: 18 to 31 V dc

Current drain: 40mA maximum

Output Data:

Output form: SPST-NO

Output rating: 300 mA(25° C)
200 mA(125° C)

Saturation voltage: 1.0 volt 500 mA(25°C)

Leakage: 10 uA(125°C)

ENVIRONMENTAL SPECIFICATIONS:

Temperature Range: -55°C to +85°C
-55°C to +125°C

Vibration: 20 G's, 10 to 2000 Hz.

Shock: 50 G's 11 ±1 milliseconds duration.

Sealing: Hermetic, 1.3 inches mercury.

Insulation resistance: 1000 megohms at 500 VDC.

Dielectric strength: 500 V RMS, 60 Hz at sea level, all terminals to case.

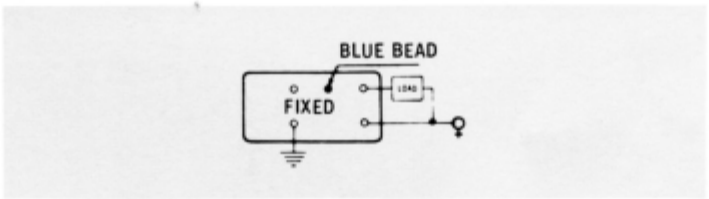
Life: Over 1,000,000 operations

Weight: 2 oz. max.

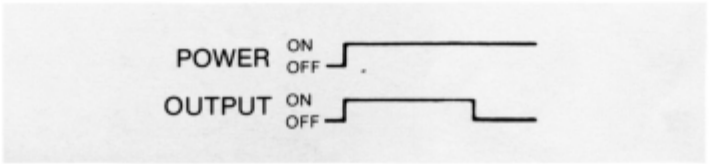
OPTIONS:

- Tighter timing tolerances
- Relay output
- Different package, mounting, and header
- AC input

WIRING DIAGRAM



TIMING DIAGRAM



Apply power and the output will energize. After time-out, the output will revert to de-energized state. Remove and reapply power to recycle.

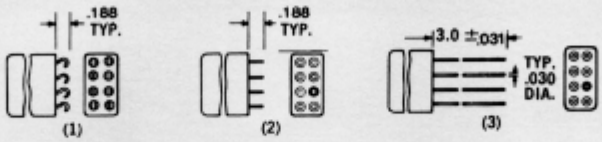
SPECIAL NOTES:

TIMING TEMPERATURE RANGE, SERIES 4800

Series	Timing Range	Temperature Range
4801	10 ms to 600 s	-55°C to +85°C
4851	10 ms to 600 s	-55°C to +125°C

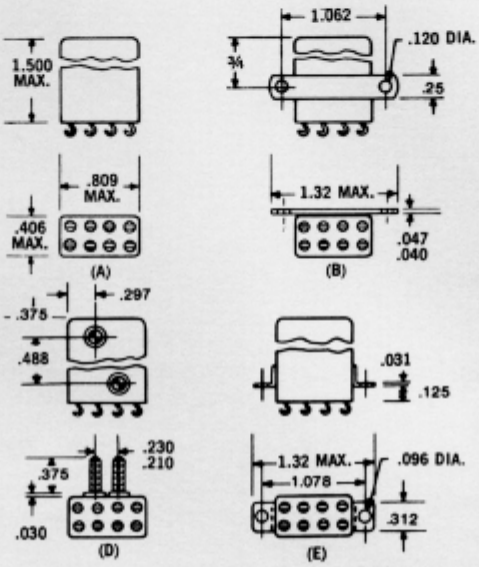
MECHANICAL SPECIFICATIONS

HEADER STYLES



NOTE: Terminal Spacing .2 inches, all headers. Terminal Diameter .030 inches, all headers.

MOUNTING STYLES



Note: Studs shown are 4-40 Thread Size.
DIMENSIONS ARE IN INCHES (TOLERANCE NOT IMPLIED)

HOW TO ORDER:

The part number for a Hi-G miniature time delay module consists of four elements: the series number, the header style, the mounting style, and the timing code number. The timing code number consists of four digits and gives the time in milliseconds. The first three digits are the significant figures and the last digit is the number of zeros following the significant figures; thus, 0500 would be 50 milliseconds, 1101 is the code for 1.1 seconds, and 5002 would be 50 seconds. A typical part number for the Hi-G miniature delay module is 4801-1A-1102; this is a time delay module designed to operate in the -55°C to +85°C temperature range, hooked terminals, style A mounting, providing a delay of 11 seconds.

Example: **Hi-G Part Number**