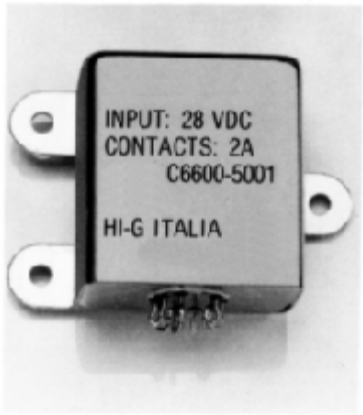
DELAY ON OPERATE-FIXED RELAY OUTPUT

C6600
C.O.T.S.
M83726/7

FEATURES:

- Reverse Polarity Protection
- Transient Protection



ELECTRICAL SPECIFICATIONS:

Timing Range: .06 to 300 s

Tolerance: ±10% plus ±10 ms

Input Data:

Range of voltage: 18 to 31 V dc

Maximum current at 25°C & 28 V dc: 80 millamperes

Recycle time (after time out): Power must be applied for 10 milliseconds or 1% of the nominal time delay, whichever is greater, after which an interruption of 10 milliseconds will insure a loss in timing no greater than 10%.

Recycle (before time out): Power must be removed for 50 milliseconds or 5% of the nominal time delay, whichever is greater, to insure a loss in timing no greater than 10%.

Output Data:

Output form: 2 PDT; 2 Form C

Output Rating:

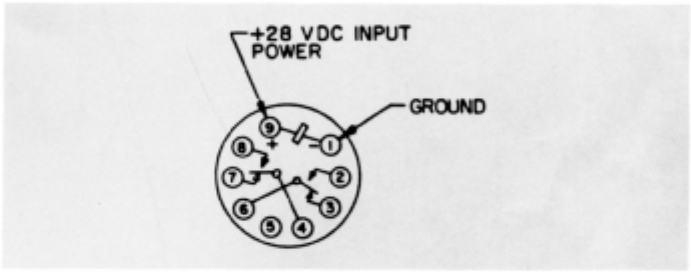
Type of Load	Life (Cycles)	28 VDC	Amperes 115 VAC - 1 Phase 60 & 400 Hz
Resistive	100,000	2.0	0.3
Inductive	100,000	1.0	0.3
Lamp	100,000	0.1	0.1

Contact voltage:
Initial — 0.150 volts maximum
After life test — 0.200 volts maximum

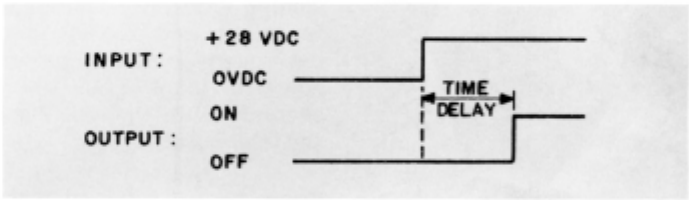
Insulation resistance: 1,000 megohms at 500 V dc between case and pins connected together.

Dielectric strength: 1,000 volts rms at 60 hertz at sea level between case and pins connected together.

WIRING DIAGRAM



TIMING DIAGRAM



ENVIRONMENTAL SPECIFICATIONS:

Temperature: -65°C to +125°C.

Altitude: 80,000 feet

Shock: 50 G's for 11 ±1 millisecond, MIL-STD-202 Method 213, Condition A. Contact Opening: 10 microseconds maximum duration monitor per Method 310 or MIL-STD-202.

Vibration (sinusoidal): 10-80 Hz at 0.06" peak double amplitude, 80-3000 Hz at 20 G's

Acceleration: 50 G's steady state no opening of closed contacts

PHYSICAL DATA:

Dimensions and configuration: (See reverse side.)

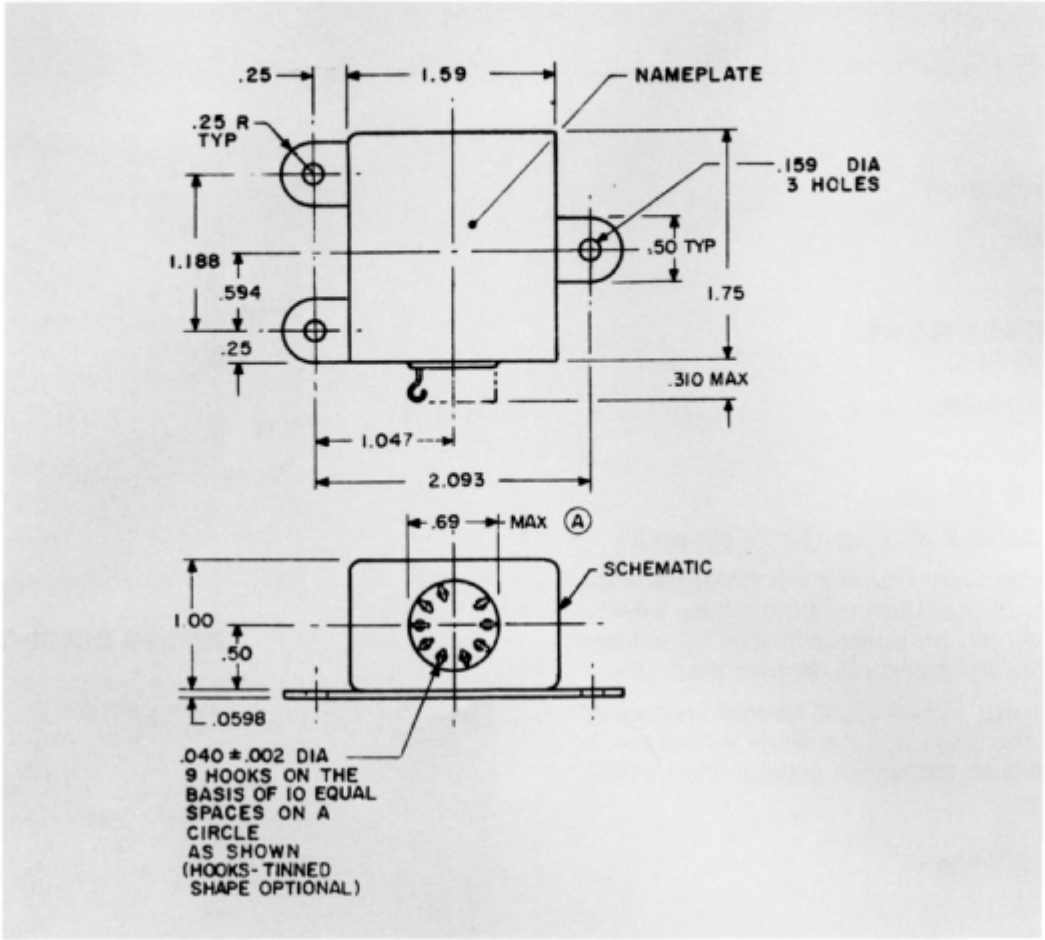
Weight: 0.25 pounds maximum

Terminal strength: 3 ±0.5 pounds pull maximum

SPECIAL NOTES:

- Always consult latest military spec. for changes and additional information.

MECHANICAL SPECIFICATIONS



HOW TO ORDER:

Timing Code Determination: The timing code consists of four digits and denotes time in milliseconds. The first three digits are significant figures and the last digit is the number of zeros to follow. Thus 100 milliseconds is coded 1000; 1.1 seconds is 1101 (1100 milliseconds), and 60 seconds is 6002 (60,000 milliseconds).

Example: **Hi-G Part Number**

C6600 — 6002

MODEL NUMBER — TIMING CODE

These numbers designate a Solid-State Output Timer with 60 seconds (60,000 milliseconds), time delay operation at 28 VDC.