TOLERANCES:
.XXX = ±.005
.XX = ±.01

SH	1	OF	2

NO.	REVISION
0	FIRST RELEASE DCO 150662

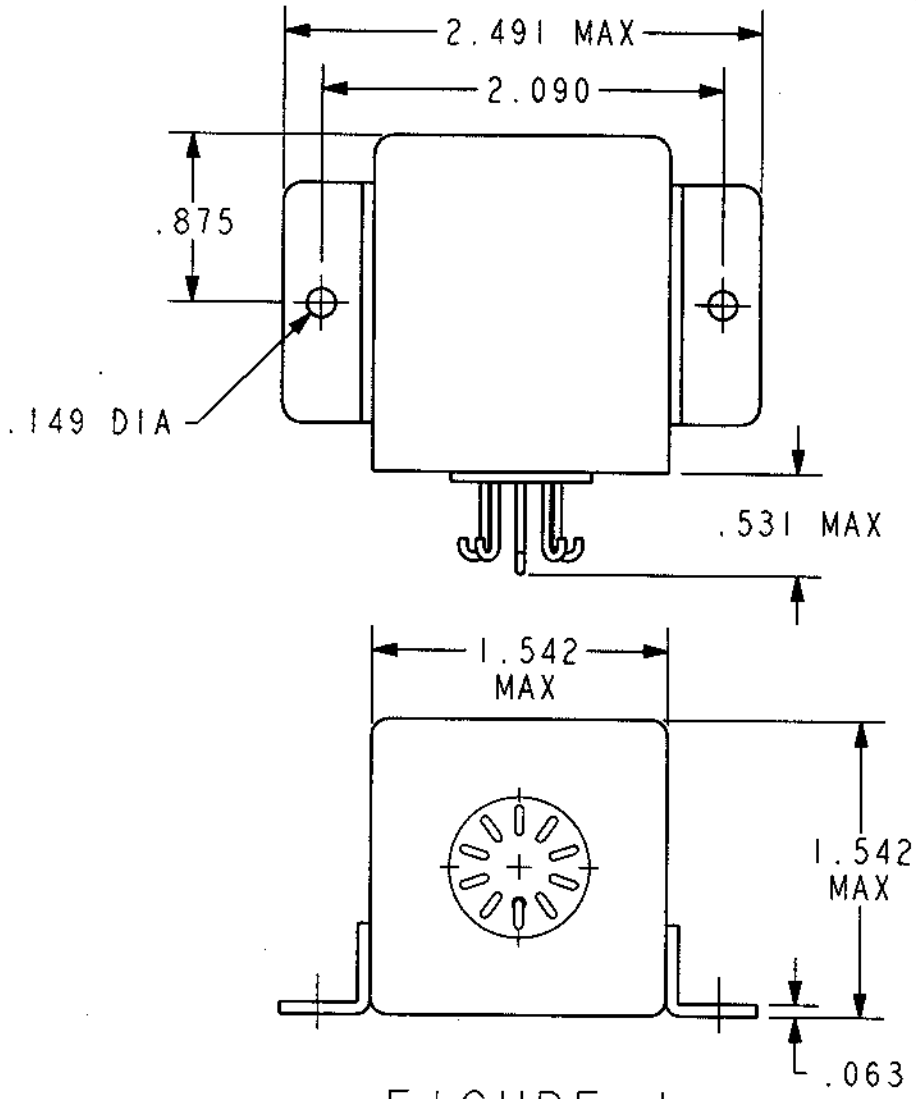

FIGURE 1

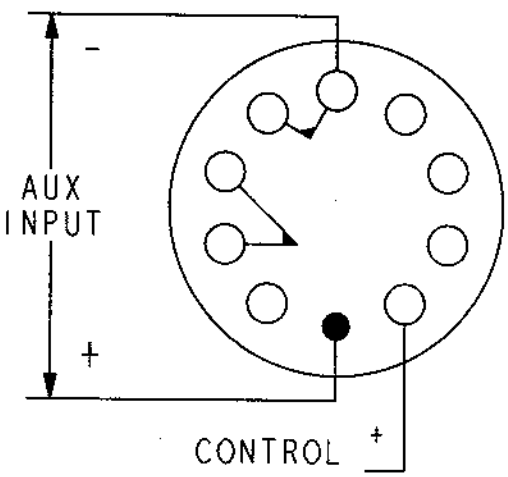

FIGURE 2
CIRCUIT DIAGRAM

TIME DELAY RELAYS

CUSTOMER DATA SHEET

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0	SEE SHEET 1 FOR REVISIONS

1.0 DESCRIPTION: THIS DATA SHEET ESTABLISHES THE REQUIREMENTS FOR A TIME DELAY RELAY, DELAY ON RELEASE, FIXED TIMING, RELAY OUTPUT.

2.0 APPLICABLE DOCUMENTS

- 2.1 MIL-R-5757, SPECIFICATIONS FOR ELECTRO-MECHANICAL RELAYS.
- 2.2 MIL-STD-202, TEST METHODS FOR ELECTRICAL AND ELECTRONIC COMPONENTS.

3.0 ELECTRICAL SPECIFICATIONS:

- 3.1 TIMING: 10.0 ±10% SECOND DELAY "ON" RELEASE AFTER THE REMOVAL OF OF CONTROL POWER
- 3.2 RESET TIME: 20 MSEC MAX
- 3.3 INPUT VOLTAGE: 18 VDC - 31 VDC
- 3.4 CONTACT CONFIGURATION: SINGLE-POLE, DOUBLE THROW (1PDT)
- 3.5 CONTACT LOAD RATING: 5 A@ 30 VDC RESISTIVE
- 3.6 CONTACT LIFE: 100,000 OPERATIONS

4.0 ENVIROMENTAL SPECIFICATIONS

- 4.1 INSULATION RESISTANCE: 1000 MEGOHM AT 500 VDC
- 4.2 DIELECTRIC STRENGTH: 1000 VRMS BETWEEN TERMINALS AND CASE
- 4.3 TEMPERATURE: OPERATING -55°C TO +85°C
- 4.4 VIBRATION: 20G PER MIL-STD-202 METHOD 204, COND. A, 10 HZ TO 2000 HZ
- 4.5 SHOCK: 50G HALF SINE, 11 MSEC PER MIL-STD METHOD 213 COND. C
- 4.6 SEALING: INTERNAL RELAY SHALL BE HERMETICALLY SEALED IAW MIL-R-5757. THE HYBRID ASSEMBLY SHALL BE ENCAPSULATED IN HEAT CONDUCTIVE EPOXY AND THE EXTERNAL PACKAGE SHALL ALSO BE HERMETICALLY SEALED.

5.0 PHYSICAL CHARACTERISTICS

- 5.1 CASE FINISH: BLACK, EPOXY POLYAMID, SEMI-GLOSS
- 5.2 TERMINAL FINISH: HOT SOLDER DIP, 60/40
- 5.3 WEIGHT: 240 GRAMS (8.5 OZ) MAX.
- 5.4 OUTLINE AND MOUNTING DIMENSIONS: SEE FIGURE 1

6.0 MARKING: MARKING SHALL INCLUDE THE FOLLOWING INFORMATION

- DEVICE NOMENCLATURE: TIME DELAY RELAY
- OPERATING VOLTAGE RANGE
- CII PART NUMBER
- CII CAGE CODE
- CIRCUIT DIAGRAM
- DATE CODE
- MAX AC LOAD CONTACT RATING

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