

TOLERANCES:
 .XXX = ± 0.005
 .XX = ± 0.01

SH	1	OF	2
NO.	REVISION		
0	FIRST RELEASE DCO 150662		

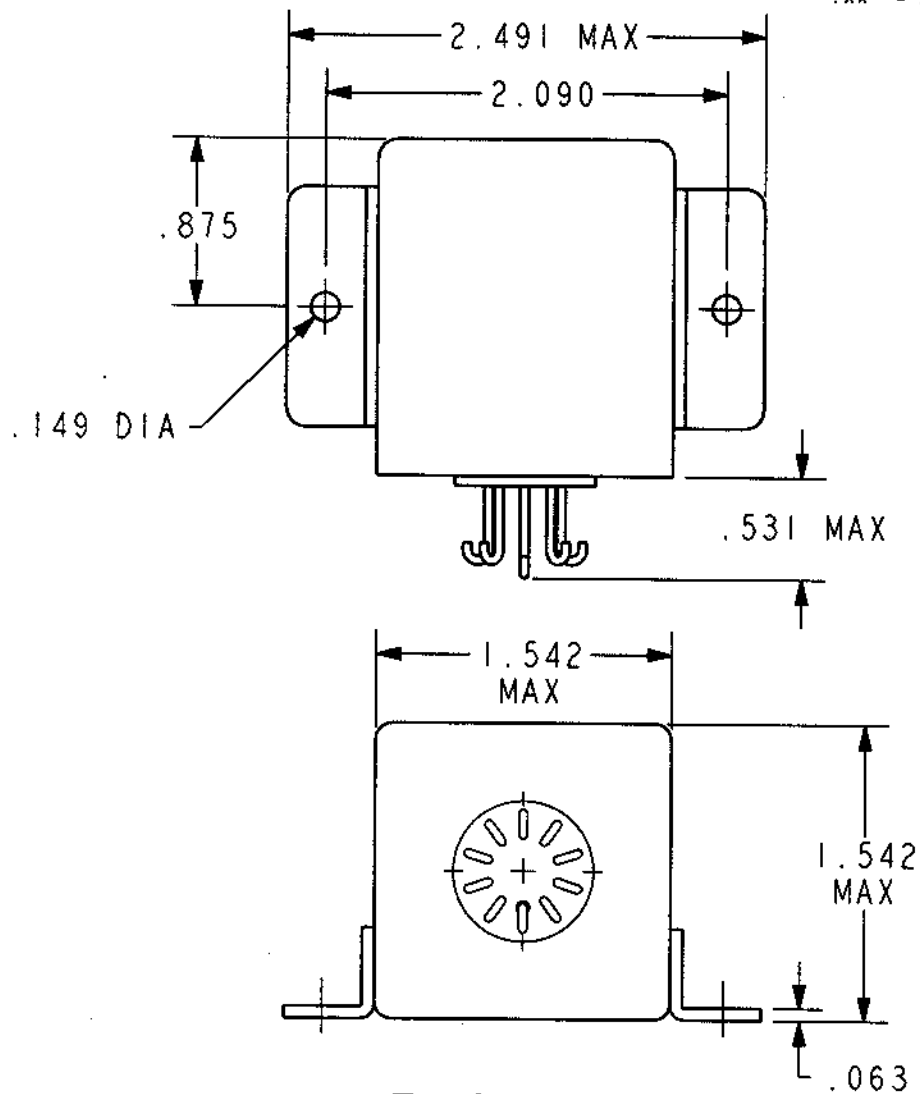


FIGURE 1

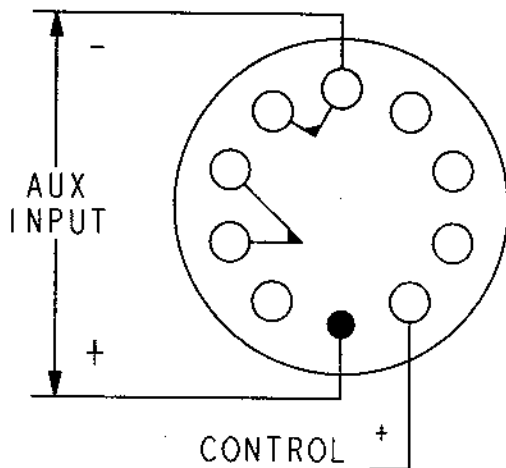


FIGURE 2
 CIRCUIT DIAGRAM

TIME DELAY RELAYS

CUSTOMER DATA SHEET

DRWN. ASB 16 MAY 02 APPL. ENG. 5/16/02

CII Technologies
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5605-E-1002

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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 \pm 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 ENVIRONMENTAL 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 (AW 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

SH 2 OF 2

NO. REVISION

0 FIRST RELEASE

0 SEE SHEET 1 FOR REVISIONS

CUSTOMER DATA SHEET

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