

REVISIONS				
REV.	DESCRIPTION		DATE	APPROVED
A	INITIAL RELEASE	NPR 8471	90-7-11	<i>Munch</i>
B	REV'D P1 & P3	ECO 8530	90-11-2	<i>Munch</i>
C	REV'D P1 & P3	ECO 9003	93-6-1	<i>Re</i>
D	REV'D P1, P2 & P6	NPR 9074	93-8-16	<i>Re</i>

SALES DRAWING

REV. STATUS OF SHEETS						 P.O. BOX 4422 Santa Barbara, CA 93140-4422	
REV.	D	B	C	A	A		
SHEET	1	2	3	4	5		
REV.	A					TITLE HIGH VOLTAGE VACUUM RELAY, LATCHING	
SHEET	6						
PRED. BY		TANNER		90-07-10		DWG. NO. K40P SERIES	
CHKD. BY		<i>Munch</i>		9-7-11			
						FSCM NO. 18741	
ENG. APRVL.		<i>Kohlman</i>		7/10/93			
						SHEET 1 OF 6	

SPECIFICATIONS:

CONTACT ARRANGEMENT.....	SPST
FORM.....	LATCHING
TEST VOLTAGE (dc OR 60 Hz, kV PEAK).....	6
RATED OPERATING VOLTAGE (kV PEAK)	
dc OR 60 Hz.....	5
2.5 MHz.....	4.5
16 MHz.....	3.5
32 MHz.....	2.8
CONTINUOUS CURRENT CARRY, MAX. (A RMS)	
dc OR 60 Hz.....	35
2.5 MHz.....	25
16 MHz.....	14
32 MHz.....	8
COIL HI-POT (V RMS, 60 Hz).....	500
CONTACT CAPACITANCE (pF)	
BETWEEN OPEN CONTACTS.....	1.2
OPEN CONTACTS TO GROUND.....	1.2
CONTACT RESISTANCE, MAX. (OHMS).....	0.020
OPERATE TIME, MAX. (ms).....	1
SHOCK, 11 ms 1/2 SINE (PEAK G's).....	50
VIBRATION, 30 G's PEAK (Hz).....	55-2000
OPERATING TEMPERATURE RANGE (°C).....	-55 TO +125
MECHANICAL LIFE (OPERATIONS X 10 ⁶).....	40
WEIGHT, MAXIMUM (oz).....	1

RELAY PART NUMBER				
Outline Per FIG. 1 →		K40P334		
Outline Per FIG. 2 →		K40P332		
Outline Per FIG. 3 →		K40P364		
COIL VOLTAGE, NOMINAL		26.5*		
PICK-UP VOLTAGE, MAX. V _{dc})		16		
COIL RESISTANCE (OHMS ±10%)		80		

NOTES: RATINGS LISTED ARE FOR 25°C SEA LEVEL CONDITIONS.
 RELAY FLANGE MUST BE GROUNDED.
 *NOT FOR CONTINUOUS DUTY.
 1ms MINIMUM ENERGIZATION TIME.
 1s MAXIMUM ENERGIZATION TIME
 10% MAXIMUM DUTY CYCLE

DIMENSIONS IN INCHES
 (DIMENSIONS IN PARENTHESES ARE IN
 MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.xx = ± .03

.xxx = ± .010

$\angle$ x° = ± 2°

DO NOT SCALE DWG.

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Corporation

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K40P SERIES

CAGE CODE

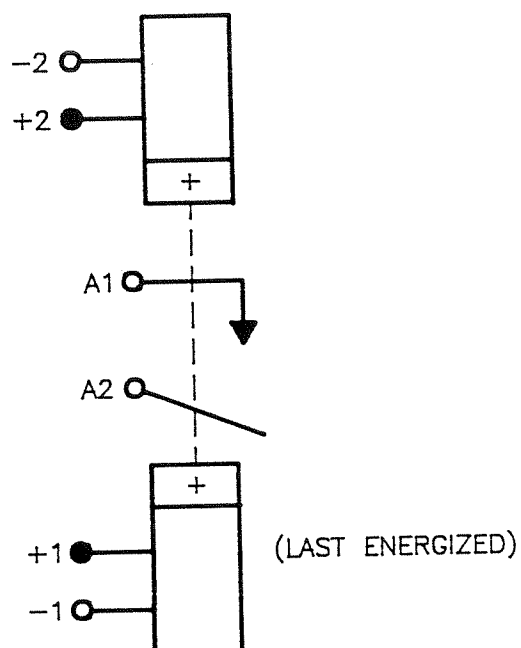
18741

SCALE

NONE

SHEET

2

SCHEMATIC

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.xx = $\pm .03$

.xxx = $\pm .010$

$\angle$ x° = $\pm 2^\circ$

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CAGE CODE
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SCALE
NONE

SHEET
3

REV.

A

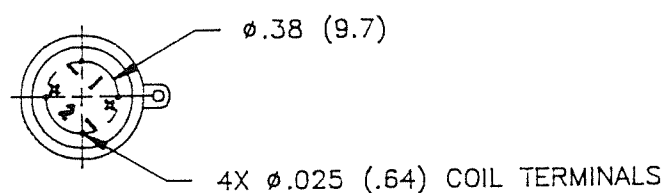
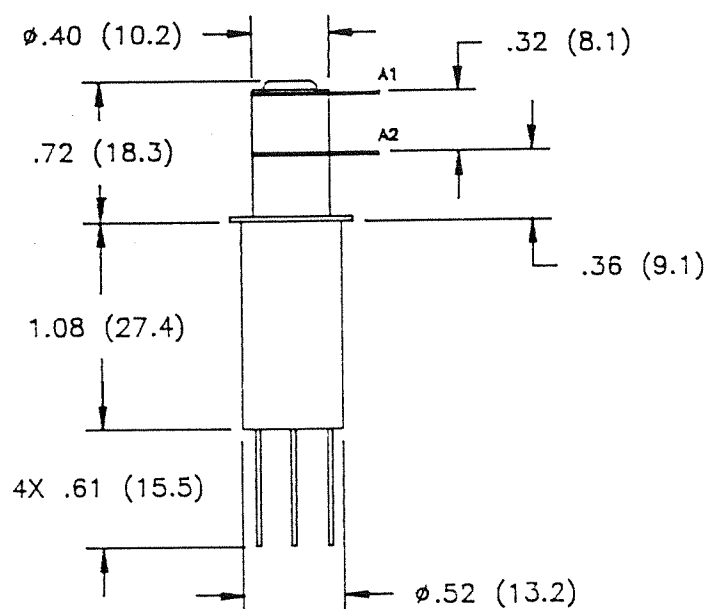
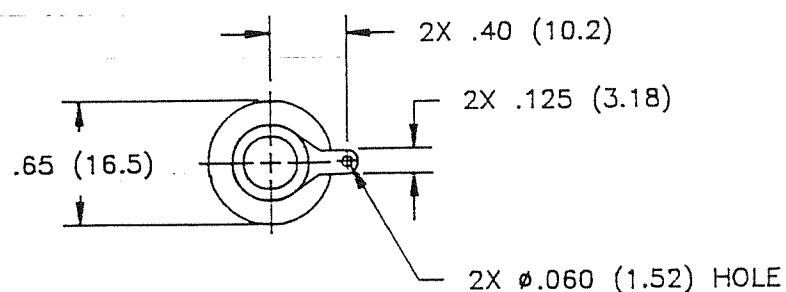


Fig. 1 OUTLINE FOR P/N K40P334

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.XX = ± .03

.XXX = ± .010

∠ x° = ± 2°

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SCALE

NONE

SHEET

4

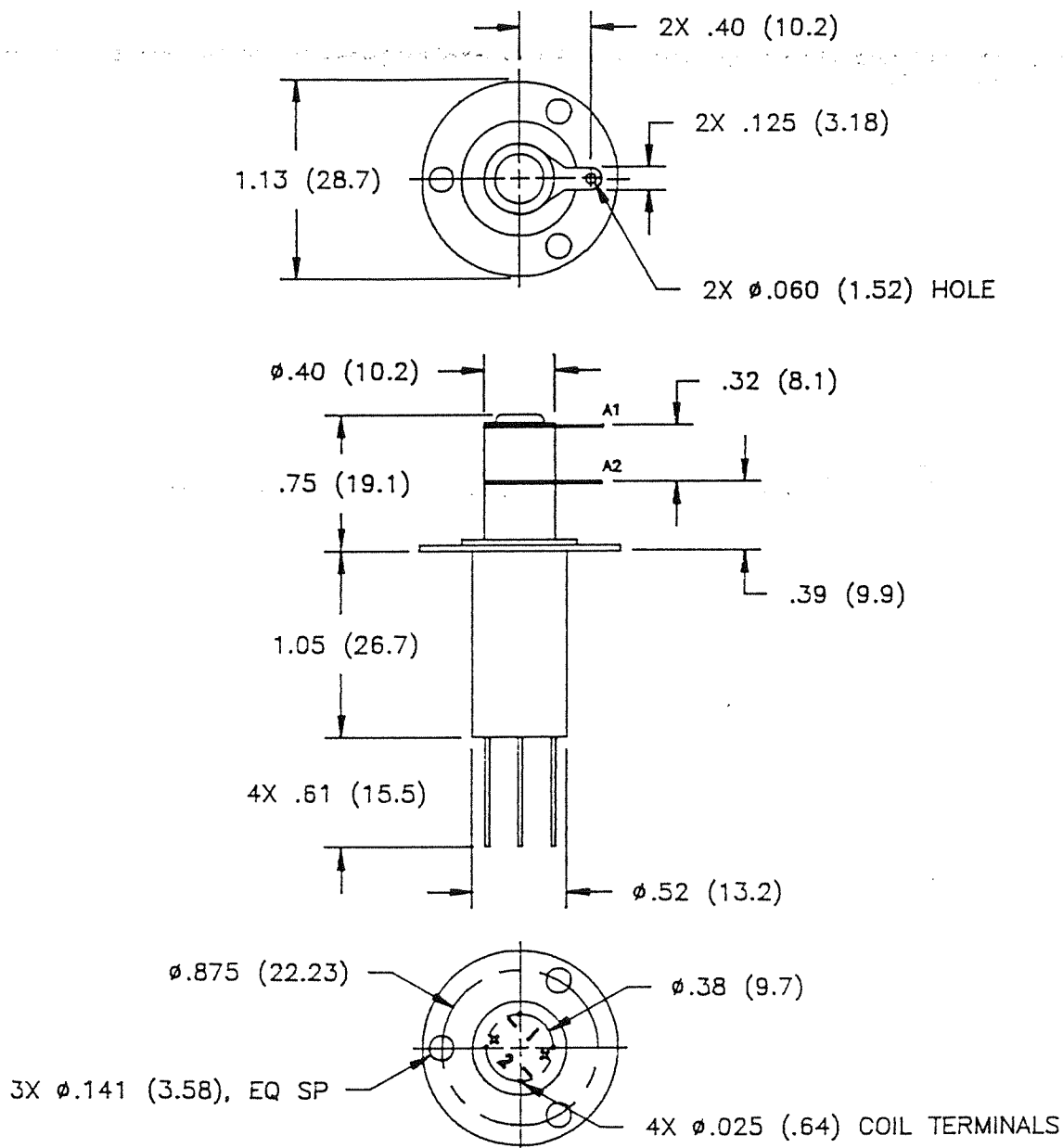


Fig. 2 OUTLINE FOR P/N K40P332

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.XX = $\pm$.03

.XXX = $\pm$.010

$\angle$ X° = $\pm$ 2°

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SCALE

NONE

SHEET

5

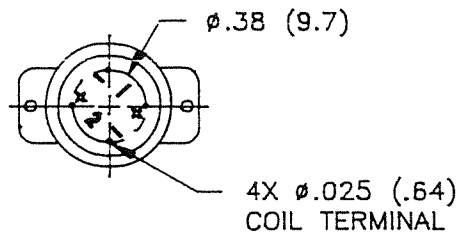
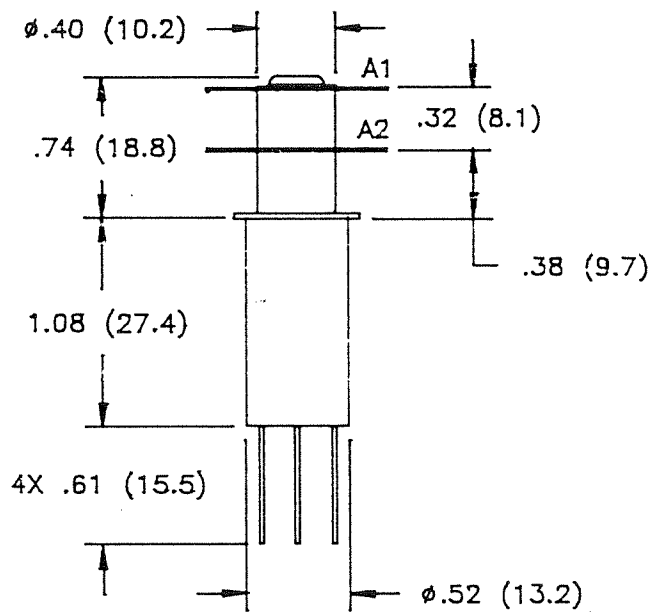
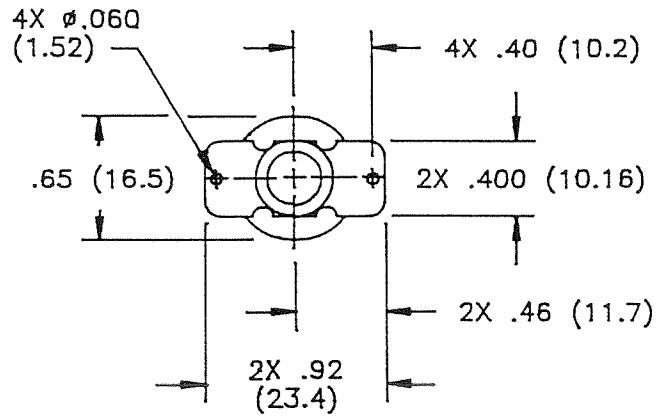


Fig. 3 OUTLINE FOR P/N K40P364

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.XX = $\pm$.03

.XXX = $\pm$.010

$\angle$ X° = $\pm$ 2°

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K40P SERIES

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SCALE
1:1

SHEET
6