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Sales Drawing

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E-Mail: info@kilovac.com
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TITLE

HIGH VOLTAGE VACUUM
RELAY, LATCHING

PREP. BY	J DAWSON	6/14/00	DWG NO.	K40P-04		
CHKD. BY						
ENG APRVL			CAGE CODE	18741	SCALE	SHEET 1 of 4

Specifications:

Physical Data	
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 Inductance (V/RMS, 60 Hz)	500
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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 +175
Mechanical Life (Operations X 10 ⁶)	10
Weight, Maximum (oz)	1
Coil Voltage, Nominal	26.5*
Pick-Up Voltage, Max. (Vdc)	16
Coil Resistance (Ohms ±10%)	80

NOTES:

1. Except where otherwise shown, ratings listed are for 25°C sea level conditions.
2. Relay flange must be grounded.
3. *Not for continuous duty.
4. 1ms minimum energization time.
5. 1s maximum energization time.
6. 10% maximum duty cycle.

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A Division of
 Illit Technologies™

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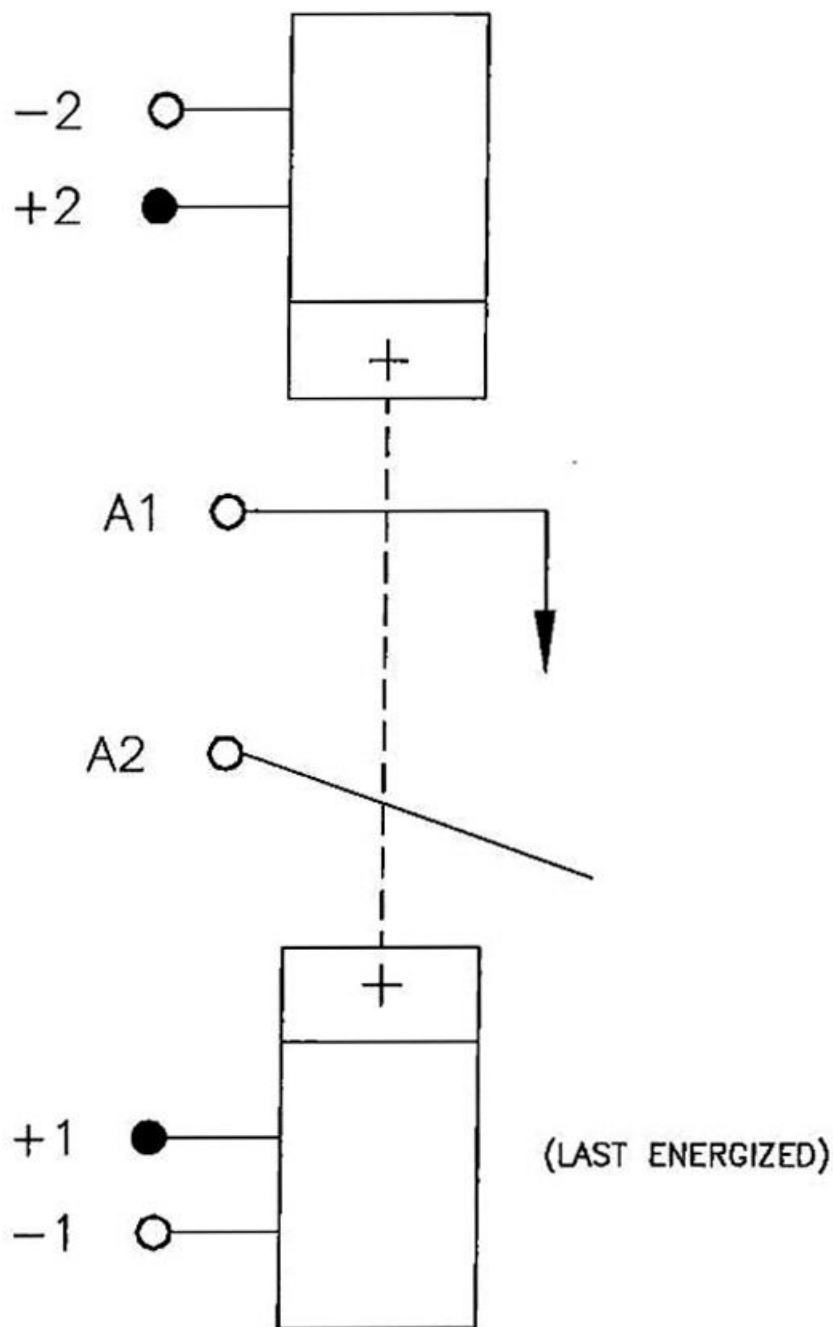
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ENG APRVL



SCHEMATIC

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Longer
 Oil Technologies™

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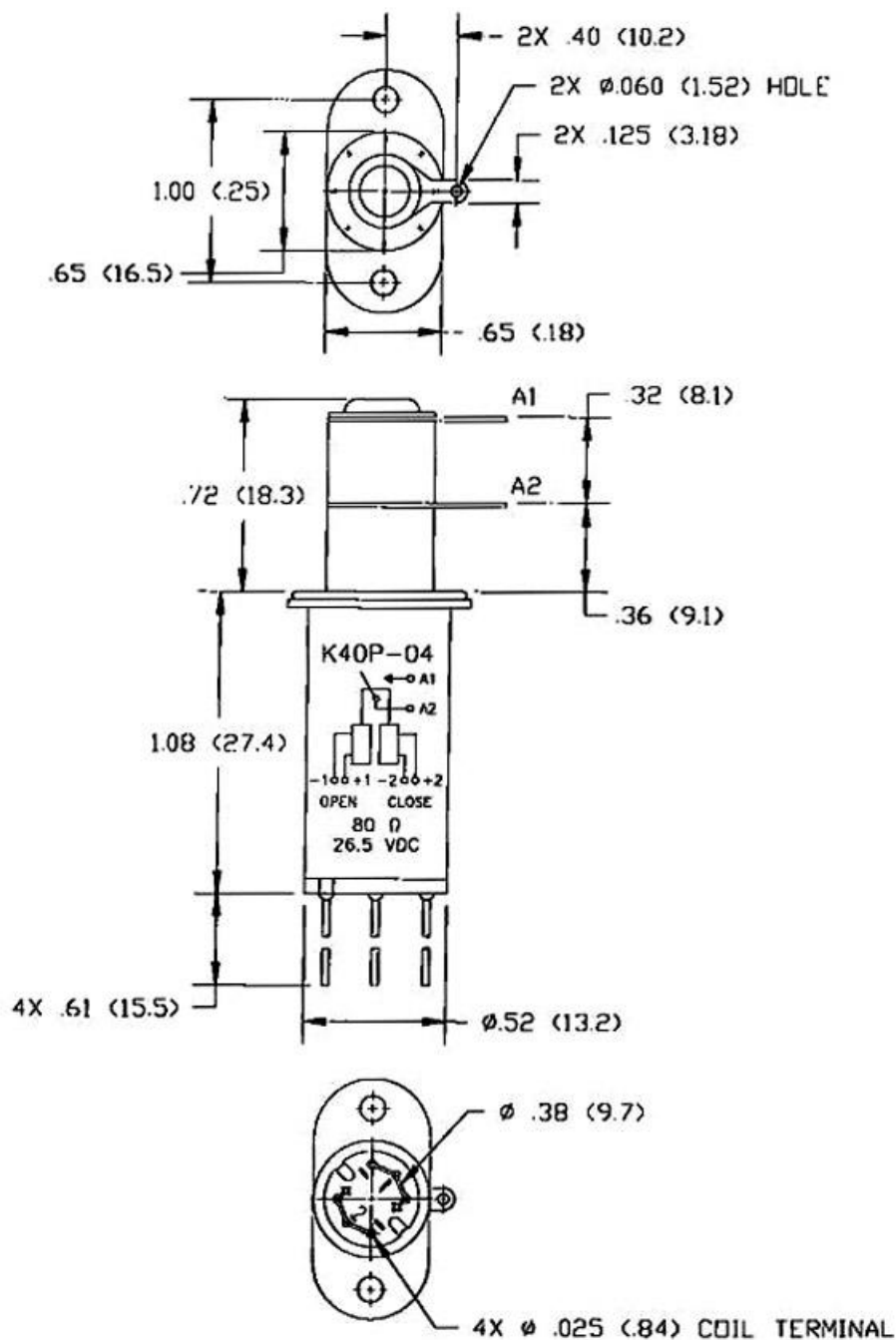
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Advanced
 Technology

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