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REVISIONS

SYM	DESCRIPTION	DATE	APRVL.
A	INITIAL RELEASE	ECO 6359	6-3-82 LL
B	REV'D P1, P2	NPR 6706	8-22-83 HJ
C	REV'D P1 & P4	ECO 6764	10-4-83 JS
D	REV'D P1 & P4	ECO 7072	1-7-85 RG
E	REV'D P1, P2, P4	ECO 7246	10-8-85 RG
F	REV'D P1,2	ECO 7702	5-8-87 DKP
G	REV'D P1,2,4	ECO 7815	10-7-87 RG
H	REV'D P1 & P4	ECO 7939	8-6-10 J. J. J.

REV STATUS OF SHEETS

REV.	H	E	A	F
SHEET	1	2	3	4
PREP. BY	JP	6-1-82		
CHK. BY				
ENG. APRVL.	LL	6-3-82		

Kilovac®
CORPORATION

P.O. BOX 4422 SANTA BARBARA, CA., U.S.A.

TITLE

HIGH VOLTAGE VACUUM RELAY

DWG. NO.

KC-8 SERIES

CODE IDENT. NO. 18741

SHEET 1 OF 4

SPECIFICATIONS:

CONTACT ARRANGEMENT.....	SPDT
FORM.....	C
TEST VOLTAGE (dc OR 60 Hz, kV PEAK).....	17
RATED OPERATING VOLTAGE (kV PEAK)	
dc OR 60 Hz.....	15
CONTINUOUS CURRENT CARRY, MAX. (A RMS)	
dc OR 60 Hz RMS.....	30
COIL HI-POT (V RMS, 60 Hz).....	500
CONTACT CAPACITANCE (pF)	
BETWEEN OPEN CONTACTS.....	0.5
OPEN CONTACTS TO GROUND.....	1.0
CONTACT RESISTANCE, MAX. (OHMS).....	.025
OPERATE TIME, MAX. (ms).....	15
RELEASE TIME, MAX. (ms).....	9
SHOCK, 11 ms 1/2 SINE (PEAK G's).....	50
VIBRATION, 10 G's PEAK (Hz).....	55-500
OPERATING TEMPERATURE RANGE (°C).....	-55 to +125
MECHANICAL LIFE (OPERATIONS X 10 ⁶).....	1
WEIGHT, MAXIMUM (oz).....	3

RELAY PART NUMBER	KC-8/12VDC	KC-8	KC-8/115VDC	
COIL VOLTAGE, NOMINAL	12	26.5	115	
PICK-UP VOLTAGE, MAX. (Vdc)	8	16	80	
DROP-OUT VOLTAGE (Vdc)	.5-5	1-10	5-50	
COIL RESISTANCE (OHMS $\pm 10\%$)	48	180	2900	

NOTES: RATINGS LISTED ARE FOR 25°C SEA LEVEL CONDITIONS.
RELAY BASE MUST BE GROUNDED.

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.xx = $\pm .03$

.xxx = $\pm .010$

$\angle$ x° = $\pm 2^\circ$

DO NOT SCALE DWG.

Kilovac
Corporation

P.O. BOX 4422
Santa Barbara, CA 93140-4422

KC-8 SERIES

FSCM NO.

18741

SCALE

NONE

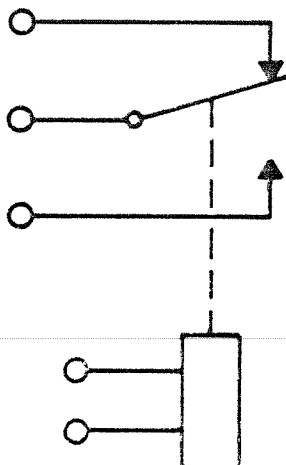
SHEET

2

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REV.

A



SCHEMATIC

DIMENSIONS IN INCHES
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.XX = $\pm .03$

.XXX = $\pm .010$

$\angle X^\circ = \pm 2^\circ$

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DWG. NO.

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SCALE

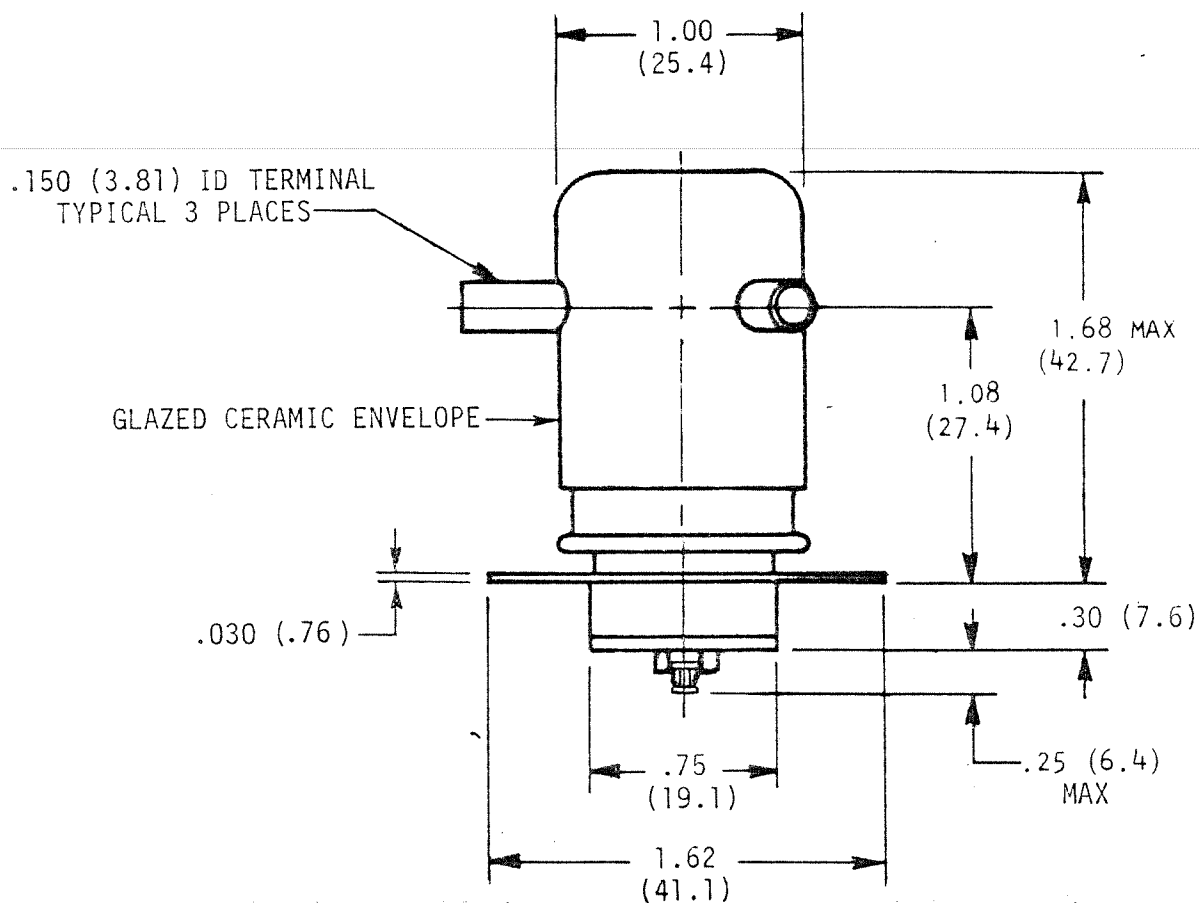
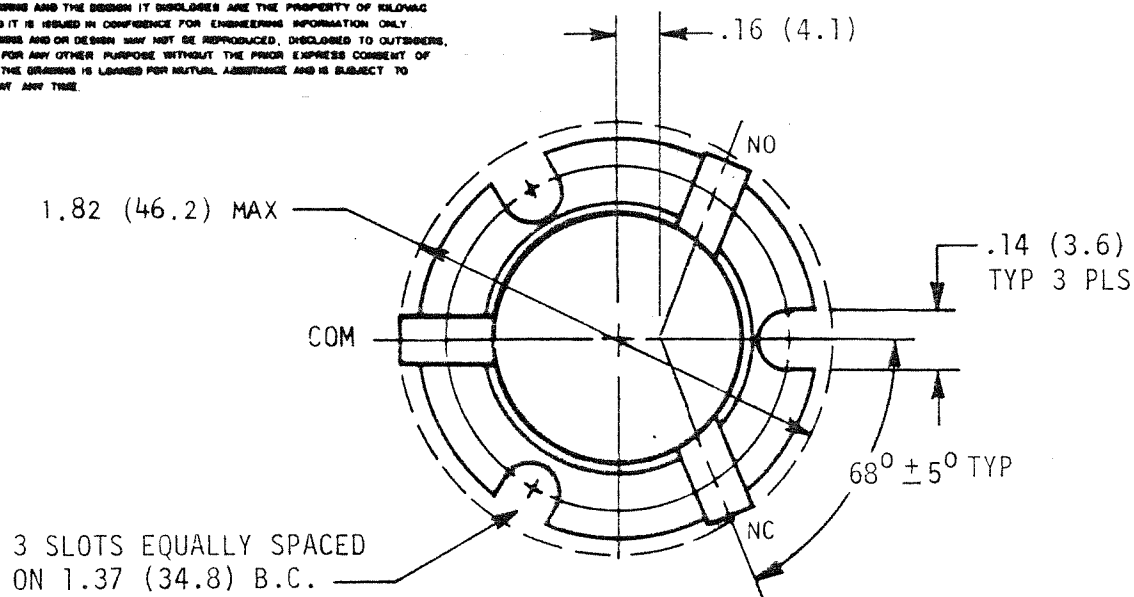
NONE

SHEET

3

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REV.
F



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