


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE NPR 8632	91-5-31	<i>Arceves</i>

SALES DRAWING

REV. STATUS OF SHEETS						P.O. BOX 4422		
REV.	A	A	A	A		Santa Barbara, CA 93140-4422		
SHEET	1	2	3	4	TITLE			
REV.					HIGH VOLTAGE GAS-FILLED RELAY			
SHEET					DWG. NO.			
PREP. BY	TANNER	91-5-21	K64C SERIES					
CHKD. BY	<i>Arceves</i>	91-5-31	FSCM. NO.					
ENG. APRVL.	<i>Arceves</i>	91-5-31	18741	SHEET		1	OF	4

REV.

A

SPECIFICATIONS:

CONTACT ARRANGEMENT.....	SPDT
FORM.....	C
TEST VOLTAGE (dc OR 60 Hz, kV PEAK).....	55
RATED OPERATING VOLTAGE (dc OR 60 Hz, kV PEAK).....	50
CONTINUOUS CURRENT CARRY, CONTACTS CLOSED, MAX. (Adc OR 60 Hz RMS).....	10
COIL HIPOT (VRMS, 60 Hz).....	500
CONTACT RESISTANCE, MAX. (Ohms)*.....	1.0
OPERATE TIME, MAX. (ms).....	15
RELEASE TIME, MAX. (ms).....	15
SHOCK, 11 ms 1/2 SINE (PEAK G's).....	10
VIBRATION, 10 G's PEAK (Hz).....	55-500
OPERATING TEMPERATURE RANGE (°C).....	-55 TO +85
MECHANICAL LIFE (OPERATIONS X 10 ⁶).....	.4
WEIGHT, MAXIMUM (oz).....	12

RELAY PART NUMBER		K64C841		
COIL VOLTAGE, NOMINAL (Vdc)		26.5		
PICK-UP VOLTAGE, MAX. (Vdc)		18		
DROP-OUT VOLTAGE, (Vdc)		1-10		
COIL RESISTANCE (OHMS±10%)		80		

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

*CONTACT RESISTANCE IN GAS FILLED RELAYS IS TESTED
AT 28 VDC AND 1 AMP.

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.XX = ± .03

.XXX = ± .010

\angle X° = ± 2°

DO NOT SCALE DWG.

Kilovac[®]
Corporation

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

K64C SERIES

FSCM NO.

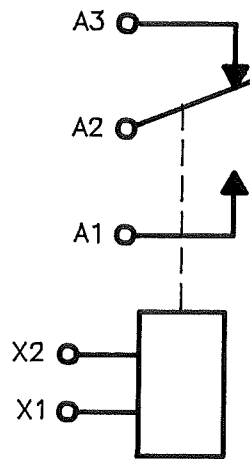
18741

SCALE

NONE

SHEET

2



SCHEMATIC

DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)

TOLERANCES EXCEPT AS NOTED

.xx = ± .03

.xxx = ± .010

\angle x° = ± 2°

DO NOT SCALE DWG.

Kilovac[®]
Corporation

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

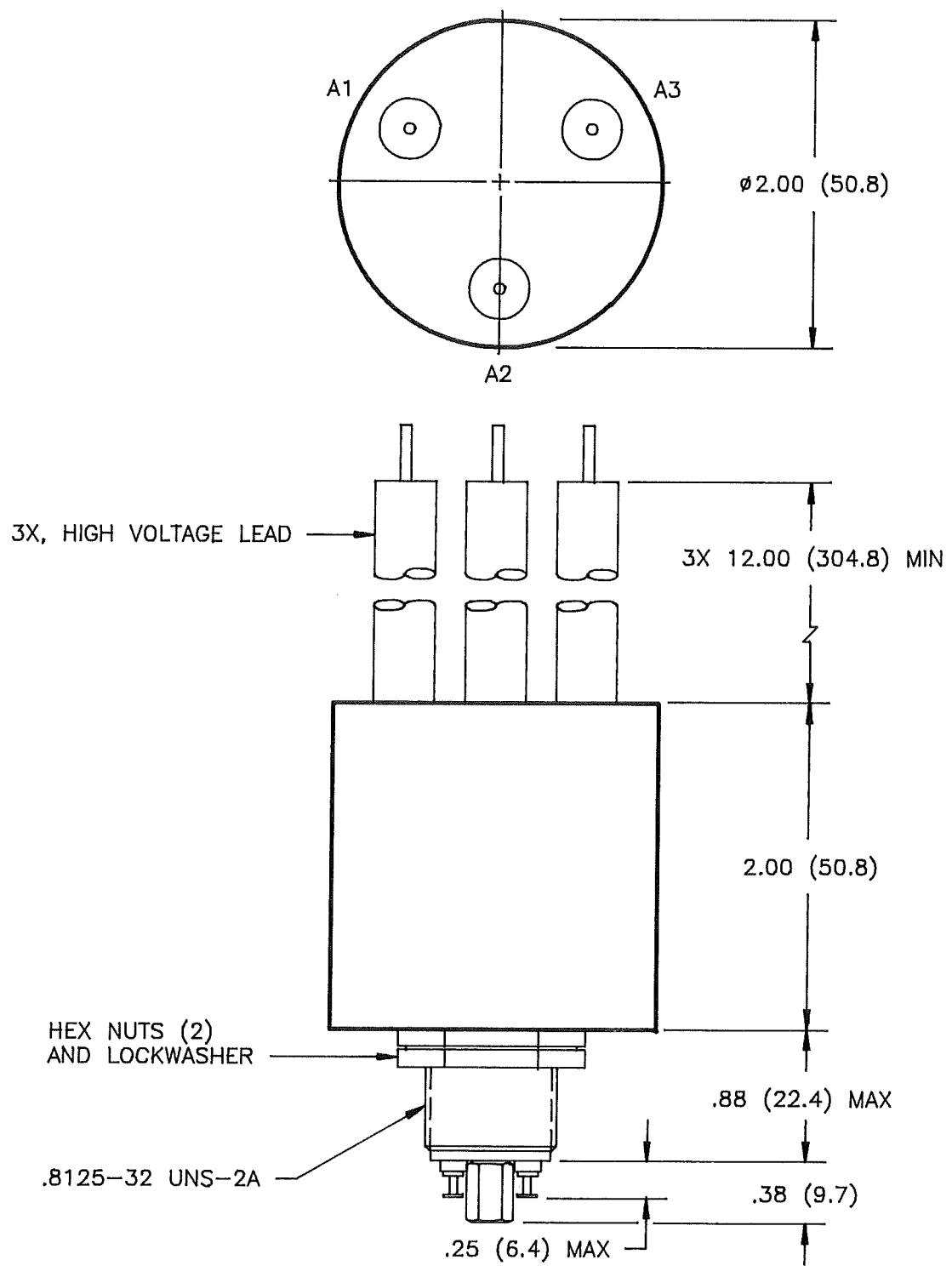
K64C SERIES

FSCM NO. 18741

SCALE NONE

SHEET 3

REV.
A



DIMENSIONS IN INCHES
(DIMENSIONS IN PARENTHESES ARE IN
MILLIMETERS)
TOLERANCES EXCEPT AS NOTED
.xx = ± .03
.xxx = ± .010
x° = ± 2°
DO NOT SCALE DWG.

Kilovac[®]
Corporation

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

K64C SERIES

FSCM NO.	SCALE	SHEET
18741	1:1	4