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REVISIONS

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL DRAWING	17SEP2019	VM	JR

### Product Specifications for K61A, K61B and K61C

#### Contact Arrangement —

- K61A — SPST-NO
- K61B — STST-NC
- K61C — SPDT

#### Contact Form —

- K61A — A
- K61B — B
- K61C — C

#### Test Voltage, DC or 60 Hz (Peak) —

40 kV

#### Rated Operating Voltage (Peak) —

DC or 60 Hz — 35 kV

#### Continuous Carry Current, Max. —

DC or 60 Hz — 10 A

Coil Hi-Pot (Vrms, 60 Hz) — 500 A

#### Contact Resistance, Max. —

1.0 ohm\*

#### Operate Time, Max. —

15 ms

#### Release Time, Max. —

15 ms

#### Shock, 11ms, 1/2 Sine (Peak) —

20 g

#### Coil Data

Volts, Nominal DC	12 V	26.5 V	115 V
Pickup, Max.	9 Vdc	18 Vdc	90 Vdc
Dropout	.5-5 Vdc	1-10 Vdc	5-50 Vdc
Coil Resistance (±10%)	30 Ω	125 Ω	2000 Ω

Ratings listed are for 25°C, sea level conditions

#### Vibration —

Peak — 10 g (55 to 500 Hz)

#### Operating Ambient Temperature Range —

-55°C to +85°C

#### Mechanical Life —

1 million cycles

#### Weight, Nominal —

340 g (12 oz.)

#### Note:

\*Contact resistance for gas-filled relays measured at 28 Vdc, 1 Amp

### Ordering Information

#### Sample Part Number ►

**K61 A 7 4 1**

#### Series:

A = SPST-NO    B = SPST-NC    C = SPDT

#### Coil Voltage:

- 7 = 12 Vdc, Turret Terminal
- 8 = 26.5 Vdc, Turret Terminal
- 9 = 115 Vdc, Turret Terminal

#### High Voltage Connections:

- 4 = Flying Leads, 12"
- 7 = Flying Leads, 72"
- 8 = Flying Leads, 36"

#### Mounting:

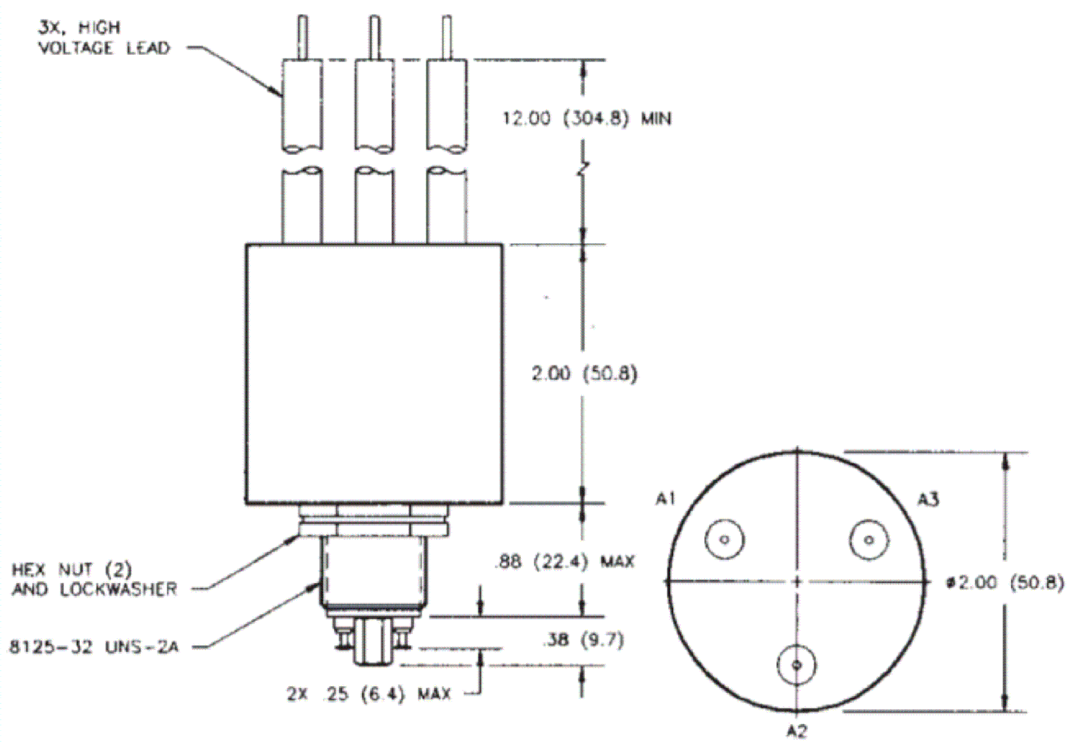
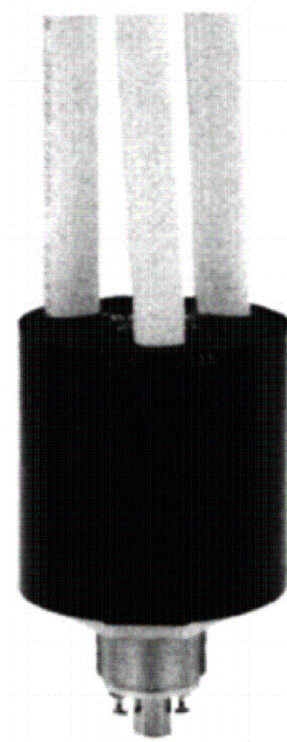
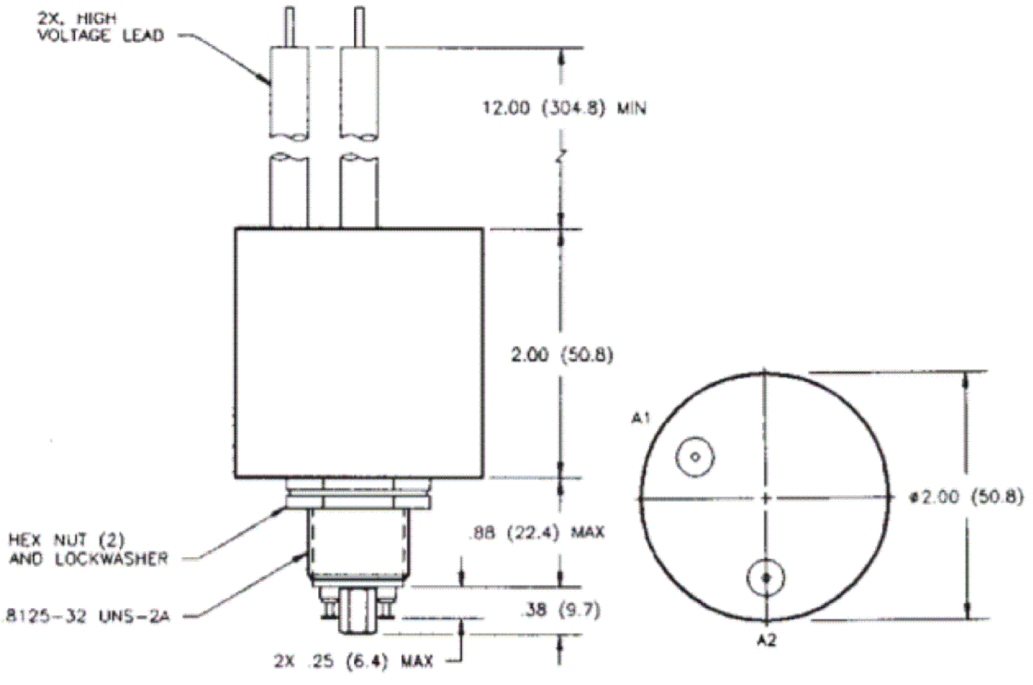
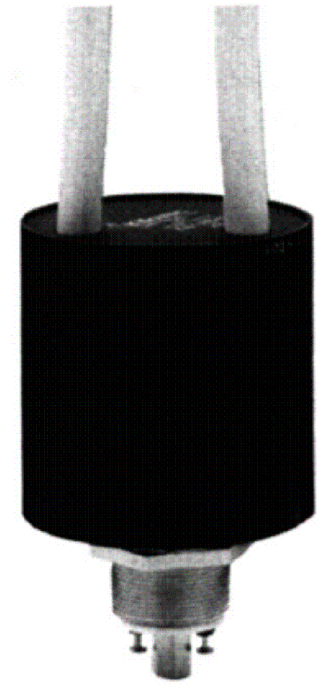
- 1 = Threaded

### K61A and K61B Product Facts for K61A and K61B

- SF-6 gas-filled relay excellent for capacitive discharge applications
- Widely used in test equipment and medical instruments
- Fully operable in air and suitable for adverse environments

### K61C Product Facts for K61C

- 35 kV rating in compact, durable package
- SF-6 gas-filled relay excellent for capacitive discharge applications
- SPDT version of K61

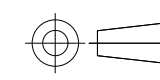


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DWN VM 17SEP2019

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:



0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -
FINISH	-

MATERIAL -

FINISH -

CHK RV 17SEP2019

APVD JR 17SEP2019

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING



NAME

K61 SERIES MAKE ONLY LOAD SWITCHING

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

-

©-K61-SERIES

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SCALE NTS

SHEET 1 OF 1

REV A

ALL DIMENSIONS ARE IN INCHES(MM)