

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	INITIAL DRAWIN	01JUL2020	RV	JR

Product Specifications

Contact Arrangement/Form —
SPST-NO / A
SPST-NC / B
SPDT / C

Test Voltage, DC or 60 Hz (Peak) —
40 kV

Rated Operating Voltage (Peak) —
DC or 60 Hz — 35 V

Continuous Carry Current, Max. —
DC or 60 Hz — 10 A

Contact Resistance, Max. —
1.0Ω

Shock, 11ms, 1/2 Sine (Peak) —
20 g

Vibration —
Peak — 10 g (55 to 500 Hz)

Operating Ambient Temperature Range — -55°C to +85°C

Mechanical Life — 1 million cycles

Weight, Nominal — 297.7g (10.5 oz.)

Product Facts

- SF-6 gas-filled relay is excellent for capacitive discharge applications
- Widely used in test equipment and medical instruments
- Fully operable in air and suitable for adverse environments
- Contact forms A, B & C
- 35 kV rating in compact, durable package
- Lower cost version of K61 series

Ordering Information

Sample Part Number ► **KP61 C 8 4 1**

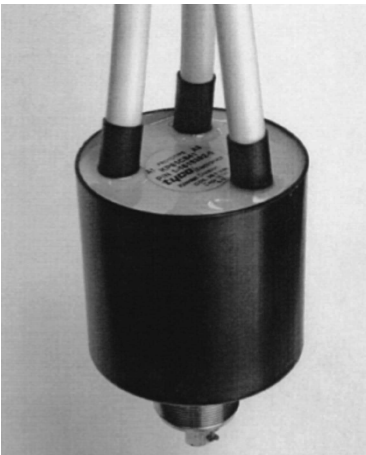
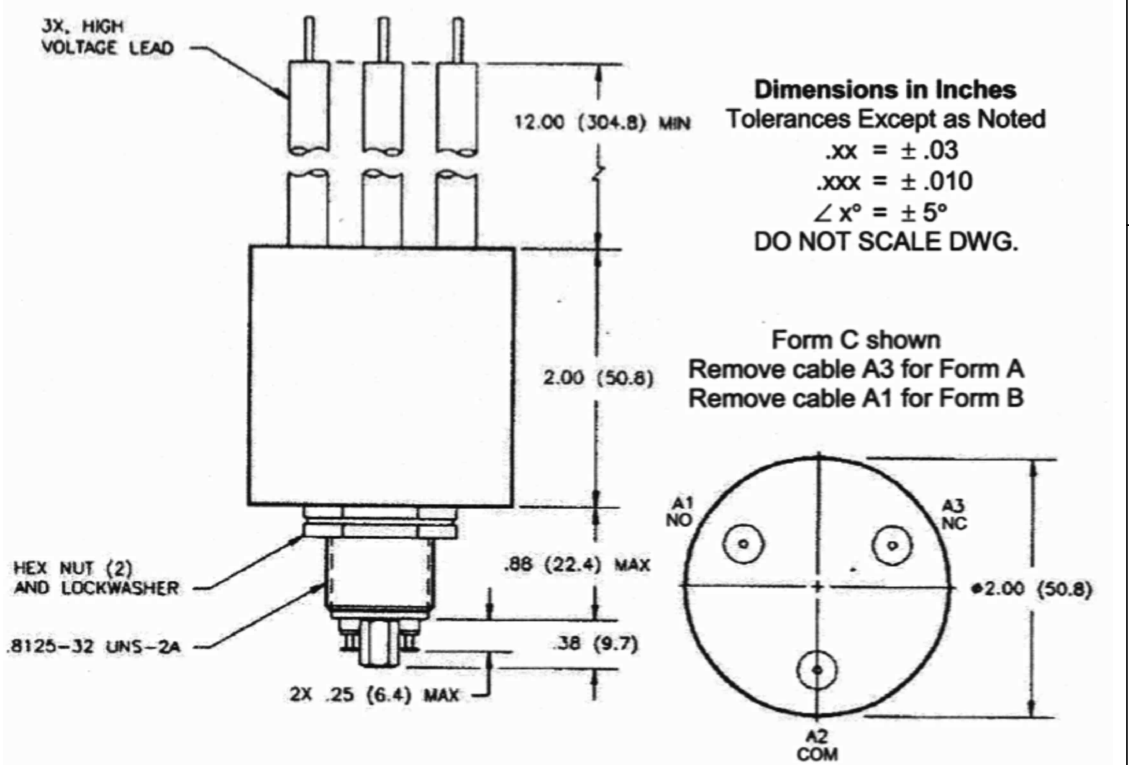
Series: _____

Contact Form: _____
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"
5 = Flying Leads, 72"
6 = Flying Leads, 36"
8 = Flying Leads, 36"

Mounting: _____
1 = Threaded

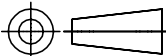


Coil Data

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

ALL DIMENSIONS ARE IN INCHES(MM)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RV 01JUL2020		TE Connectivity						
		CHK VR 01JUL2020								
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME KP61-RELAY, PRESSURIZED, SPDT						
				PRODUCT SPEC -						
				APPLICATION SPEC -						
				SIZE A3				CAGE CODE -	DRAWING NO C-KP61-SERIES	RESTRICTED TO -
				MATERIAL -				FINISH -		
		WEIGHT -								
CUSTOMER DRAWING				SCALE NTS		SHEET 1 OF 1		REV 1		

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[KP61C741](#)