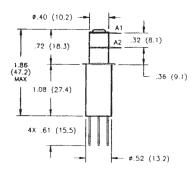


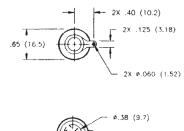
# K40P Make & Break Load Switching — 5.0 kV Relays

### **Product Facts for K40P**

- Vacuum dielectric for power switching low current loads
- Fast, 1 millisecond operate time
- Long life: 10 million cycles
- 35 Amps continuous current rating at DC; 8 Amps at 32 MHz
- Ideal for high power antenna couplers
- Meets requirements of MIL-R-83725





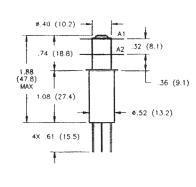


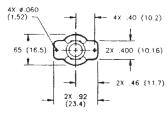
4X, Ø.025 (.64) COIL TERMINAL

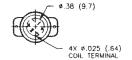
## **Product Facts for K40P364**

- Double sided terminals for ease of connection to bus bar
- Vacuum dielectric for power switching low current loads
- Fast switching, high current capabilities
- Small and lightweight









K40 P

3

3

### **Product Specifications**

Contact Arrangement — SPST-Latching

Contact Form — P

Test Voltage, DC or 60 Hz (Peak) -

Rated Operating Voltage (Peak) —

DC or 60 Hz - 5 kV 2.5 MHz — 4.5 kV

16 MHz — 3.5 kV 32 MHz — 2.8 kV

Continuous Carry Current, Max. —

DC or 60 Hz - 35 A 2.5 MHz — 21 A 16 MHz — 14 A 32 MHz — 8 A

Coil Hi-Pot (Vrms, 60 Hz) - 500 A

### **Contact Capacitance**

Between Open Contacts — 1.2 pF Open Contacts to Ground — 1.2 pF

Contact Resistance, Max. -0.02 ohm

Operate Time, Max. — 1 ms Release Time, Max. — N/A

Shock, 11ms, 1/2 Sine (Peak) -50 g

Vibration —

Peak — 30 g (55 to 2000 Hz)

**Operating Ambient Temperature Range** — -55°C to +125°C

**Mechanical Life** —10 million cycles

Weight, Nominal — 28.35 g (1.0 oz.)

### **Coil Data**

Series:

**Contact Form:** 

P = SPST-Latching

Volts, Nominal	26.5 Vdc
Reset & Latch, Max.	16 Vdc
Dropout	N/A
Coil Resistance (±10%)	80 Ω

Ratings listed are for 25°C, sea level conditions.

Ordering Information

Sample Part Number

#### Coil Voltage: -3 = 26.5 Vdc, Bus Wire **High Voltage Connections:** 3 = Solder Connection 6 = Double Sided Solder Connection Mounting:\* For factory-direct application assistance, 4 = Standard 2 = Flanged dial 800-253-4560, ext. 2055, or 805-220-2055.

\*See page 7-87 for mounting methods.