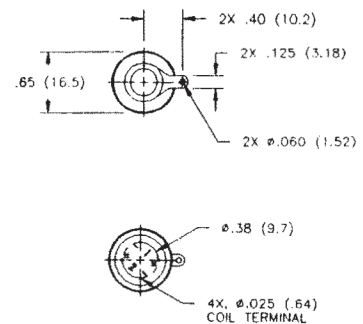
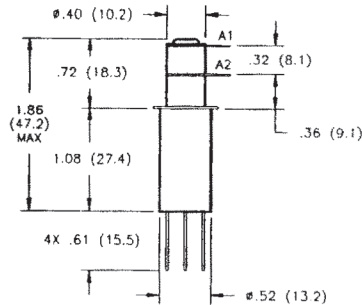
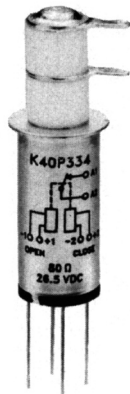


## K40P Make & Break Load Switching — 5.0 kV Relays

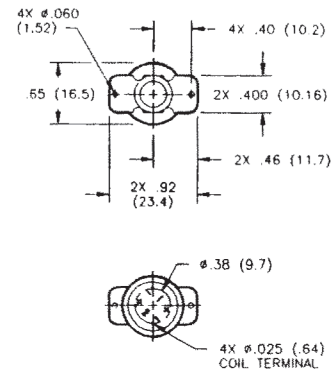
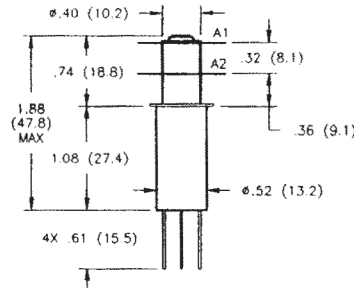
### Product Facts for K40P

- 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



### 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



### Product Specifications

**Contact Arrangement** — SPST-Latching

**Contact Form** — P

**Test Voltage, DC or 60 Hz (Peak)** — 6 kV

**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 V

**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

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** ▶

**Series:** \_\_\_\_\_

**Contact Form:** \_\_\_\_\_  
P = SPST-Latching

**Coil Voltage:** \_\_\_\_\_  
3 = 26.5 Vdc, Bus Wire

**High Voltage Connections:** \_\_\_\_\_  
3 = Solder Connection  
6 = Double Sided Solder Connection

**Mounting:** \* \_\_\_\_\_  
2 = Flanged 4 = Standard

\*See page 7-87 for mounting methods.

For factory-direct application assistance, dial 800-253-4560, ext. 2055, or 805-220-2055.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[K40P334](#) [K40P-04](#) [K40P332](#)