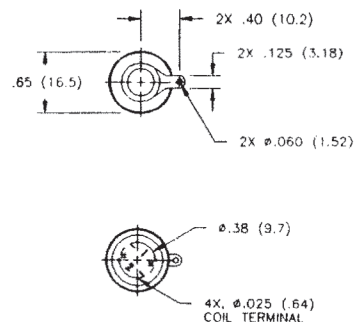
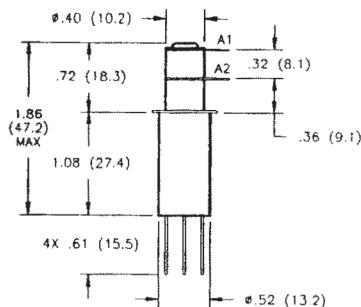
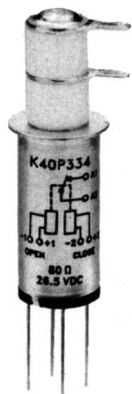


## K40P Make & Break Load Switching — 5.0 kV Relays

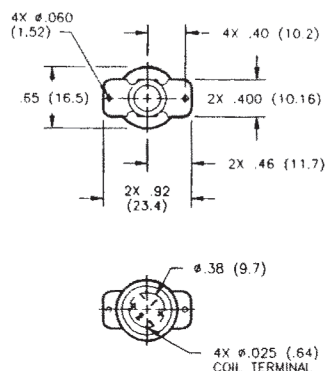
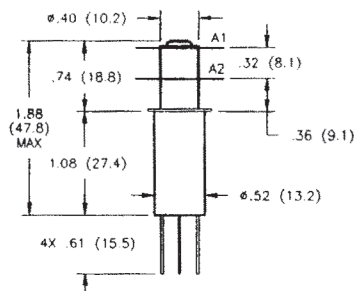
### Product Facts for K40P

- 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 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

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:** K40 P 3 3 2

**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.