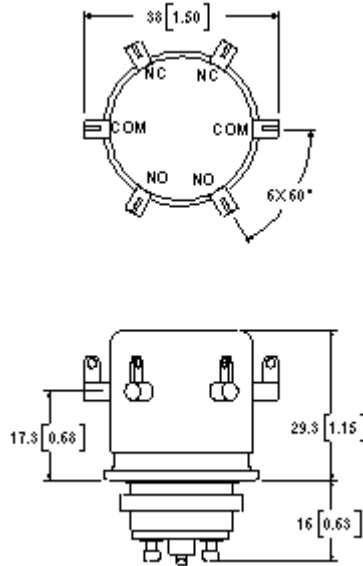


Make & Break Load Switching
 RoHS Compliant, date code 0701 and later



| FEATURES | |
|----------|--|
| • | Smallest ceramic DPDT high voltage relay, more robust than glass |
| • | Vacuum dielectric and Tungsten contacts for power switching |
| • | 8 kV rating |
| • | Meets or exceeds MIL-R-83725 |
| • | User interchangeable coils provide for driver versatility |

| PRODUCT SPECIFICATIONS | | |
|---|---------|-------------|
| Contact & Relay Ratings | Units | G12 |
| Contact Form | | 2C |
| Contact Arrangement | | DPDT |
| Voltage, Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz) | kV Peak | 10 |
| Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.) | | |
| dc or 60 Hz | kV Peak | 8 |
| 2.5 MHz | kV Peak | 5 |
| 16 MHz | kV Peak | 3 |
| 32 MHz | kV Peak | 2 |
| Current, Continuous Carry Max | | |
| dc or 60 Hz | Amps | 10 |
| 2.5 MHz | Amps | 7 |
| 16 MHz | Amps | 3 |
| 32 MHz | Amps | 2 |
| Coil Hi-Pot (V RMS, 60 Hz) | V | 500 |
| Capacitance | | |
| Across Open Contacts | pF | 0.8 |
| Contacts to Ground | pF | 1.5 |
| Resistance, Contact Max @ 1A, 28Vdc | ohms | 0.020 |
| Operate Time | ms | 15 |
| Release Time | ms | 9 |
| Life, Mechanical | cycles | 1 million |
| Weight, Nominal | g (oz) | 71 (2.5) |
| Vibration, Operating, Sine (10-2000 Hz Peak) | G's | 10 |
| Shock, Operating, 1/2 Sine 11ms (Peak) | G's | 30 |
| Temperature Ambient Operating | °C | -55 to +125 |

| COIL RATINGS | | | |
|-----------------------------|-------|------|------|
| Nominal, Volts dc | 12 | 26.5 | 115 |
| Pick-up, Volts dc, Max. | 8 | 16 | 80 |
| Drop-Out, Volts dc | 0.5-5 | 1-10 | 5-50 |
| Coil Resistance (Ohms ±10%) | 60 | 250 | 3500 |

For more information, refer to [Relay User Instructions](#)

G12 **S P - 12Vdc**

High Voltage/Power Terminal Connections
 S = Solder Tab

Mounting
 P = Through Panel

Coil Voltage*
 Blank = 26.5 Vdc
 12Vdc = 12 Vdc
 115Vdc = 115 Vdc