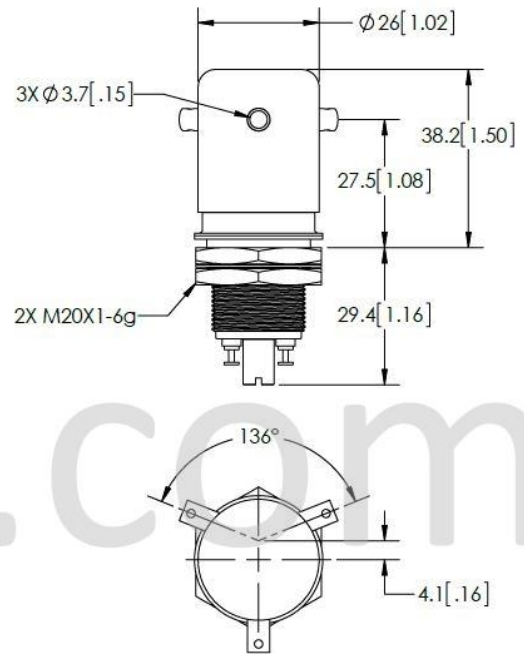


### FEATURES

- > Gas dielectric excellent for effectively bounceless make load applications\*\*
- > Excellent for capacitive discharge and safety dump switch applications
- > Mounting options in any axis
- > Unglazed ceramic housing simplifies custom encapsulation



### PRODUCT SPECIFICATIONS

| Contact & Relay Ratings  | Units   | G60C                 |
|--|---------|----------------------|
| Contact Form   |         | C                    |
| Contact Arrangement  |         | SPDT                 |
| Contact Material (moveable/stationary)                                       |         | molybdenum /tungsten |
| Dielectric   |         | Inert Gas            |
| Voltage, Test Max., Contacts & to Base (15 µA Leakage Max.) dc or 60Hz       | kV Peak | 40***                |
| Voltage, Operating Max., Contacts & to Base (15 µA Leakage Max.) dc or 60 Hz | kV Peak | 35***                |
| Current, Load Switching  |         | Contact factory**    |
| Current, Continuous Carry Max dc or 60 Hz                                    | Amps    | 12                   |
| Coil Hi-Pot (V RMS, 60 Hz)   | V       | 500                  |
| Resistance, Contact Max @ 1A, 28 Vdc   | ohms    | 1.0                  |
| Operate Time   | ms      | 15                   |
| Release Time   | ms      | 15                   |
| Life, Mechanical   | cycles  | 1 million            |
| Weight, Nominal  | g (oz)  | 84 (3)               |
| Vibration, Operating, Sine (55-500 Hz Peak)                                  | G's     | 10                   |
| Shock, Operating, 1/2 Sine 11ms (Peak)                                       | G's     | 50                   |
| Temperature Ambient Operating  | °C      | -55 to +125          |

### COIL RATINGS

| Nominal, Volts dc           | 12     | 26.5   | 115    |
|-----------------------------|--------|--------|--------|
| Pick-up, Volts dc, Max.     | 9      | 18     | 90     |
| Drop-Out, Volts dc          | .5 - 5 | 1 - 10 | 5 - 50 |
| Coil Resistance (Ohms ±10%) | 30     | 125    | 2000   |

### PART NUMBER SYSTEM

| G60C                                    | S              | P                 |  |
|---|----------------|-------------------|--|
| High Voltage/Power Terminal Connections | S = Solder Pot |                   |  |
| Mounting                                |                | P = Through Panel |  |
| Coil Voltage*                           |                |                   | Blank = 26.5 Vdc<br>-12Vdc = 12Vdc<br>-115Vdc = 115Vdc |

\* Order the relay with the coil voltage in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals rather than in the P/N on the relay.

\*\* Consult factory for load switching applications.

\*\*\* Voltage ratings, Test Max and Operating Max, are based on customer supplied additional external isolation by encapsulation or immersion in a dielectric fluid.