

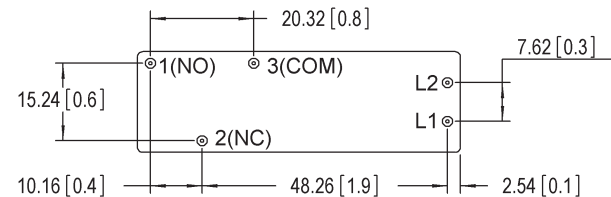
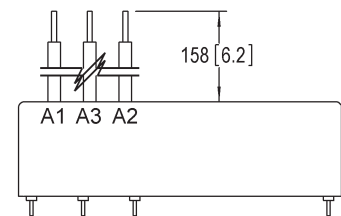


### FEATURES

- > Tungsten contacts improve hot load switching\*
- > Contact GIGAVAC Applications Support for load capability
- > Can be mounted in any position, any axis

### PRODUCT SPECIFICATIONS

| Contact & Relay Ratings   | Units   | G81        |
|---|---------|------------|
| Contact Form  |         | C          |
| Contact Arrangement   |         | SPDT       |
| Voltage, Test Max., Contacts & to Base (15 $\mu$ A Leakage Max., dc or 60Hz)        | kV Peak | 11         |
| Voltage, Operating Max., Contacts & to Base (15 $\mu$ A Leakage Max.) - dc or 60 Hz | kV Peak | 10         |
| Current, Continuous Carry Max - dc or 60 Hz   | Amps    | 5, 10      |
| Resistance, Contact Max @ 1A, 28 Vdc  | ohms    | 0.05       |
| Operate Time  | ms      | 10         |
| Release Time  | ms      | 10         |
| Life, Mechanical  | cycles  | 2 million  |
| Weight, Nominal   | g (oz)  | 70 (2.5)   |
| Vibration, Operating, Sine (55-500 Hz Peak)   | G's     | 10         |
| Shock, Operating, 1/2 Sine 11ms (Peak)  | G's     | 30         |
| Temperature Ambient Operating   | °C      | -55 to +85 |

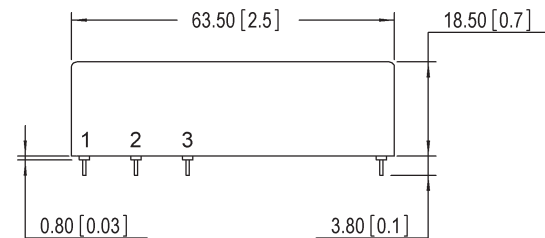


\*Consult factory for load switching applications.

### COIL RATINGS

| Nominal, Volts dc                | 12     | 26.5   | 115    |
|----------------------------------|--------|--------|--------|
| Pick-up, Volts dc, Max.          | 8      | 16     | 80     |
| Drop-Out, Volts dc               | .5 - 5 | 1 - 10 | 5 - 50 |
| Coil Resistance (Ohms $\pm$ 10%) | 70     | 290    | 4700   |

Ratings listed are for 25°C, sea level conditions



### PART NUMBER SYSTEM

| G81C                     | 3  | 3   | 5            |
|--------------------------|--|---|--------------|
| Coil Voltage             | 2 = 12 Vdc, PC Pins<br>3 = 26.5 Vdc, PC Pins<br>5 = 115 Vdc, PC Pins |   |              |
| High Voltage Connections |  | 3 = PCB Pins - 5 Amp<br>4 = Flying Leads - 10 Amp |              |
| Mounting                 |  |   | 5 = PC Board |