## FEATURES

> Low stable contact resistance for high carry current and low voltage drop
> Low loss in RF circuits
> Mounting options in any axis

## PRODUCT SPECIFICATIONS

| Contact \& Relay Ratings | Units | G20 |
| :---: | :---: | :---: |
| Contact Form |  | X |
| Contact Arrangement |  | SPST-NO |
| Contact Material (moveable/stationary) |  | molybdenum /copper |
| Dielectric |  | Vacuum |
| Voltage, Test Max., Contacts \& to Base ( $15 \mu$ A Leakage Max.) dc or 60 Hz | kV Peak | 30 |
| Voltage, Operating Max., Contacts \& to Base ( $\mathbf{1 5} \mu \mathrm{A}$ Leakage Max.) |  |  |
| dc or 60 Hz | kV Peak | 28 |
| 2.5 MHz | kV Peak | 22 |
| 16 MHz | kV Peak | 12 |
| 32 MHz | kV Peak | 10 |
| Current, Load Switching |  | Contact factory* * |
| Current, Continuous Carry Max |  |  |
| dc or 60 Hz | Amps | 110 |
| 2.5 MHz | Amps | 60 |
| 16 MHz | Amps | 40 |
| 32 MHz | Amps | 30 |
| Coil Hi-Pot (V RMS, 60 Hz ) | V | 500 |
| Capacitance |  |  |
| Across Open Contacts | pF | 2.5 |
| Contacts to Ground | pF | 2.5 |
| Resistance, Contact Max @ 1A, 28 Vdc | ohms | 0.005 |
| Operate Time | ms | 18 |
| Release Time | ms | 10 |
| Life, Mechanical | cycles | 2 million |
| Weight, Nominal | g (oz) | 342 (12) |
| Vibration, Operating, Sine (55-500 Hz Peak) | G's | 10 |
| Shock, Operating, 1/2 Sine11ms (Peak) | G's | 30 |
| Temperature Ambient Operating | ${ }^{\circ} \mathrm{C}$ | -55 to +125 |

[^0]

COIL RATINGS

| Nominal, Volts dc | $\mathbf{1 2}$ | $\mathbf{2 6 . 5}$ | $\mathbf{1 1 5}$ |
| :--- | :--- | :--- | :--- |
| Pick-up, Volts dc, Max. | 8 | 16 | 80 |
| Drop-Out, Volts dc | $.5-5$ | $1-10$ | $5-50$ |
| Coil Resistance (Ohms $\pm 10 \%)$ | 24 | 120 | 2000 |

PART NUMBER SYSTEM

| G20 | $\mathbf{W}$ | $\mathbf{P}$ |  |
| :--- | :--- | :--- | :--- |
| High <br> Voltage/ <br> Power <br> Terminal <br> Connections | $\mathbf{W}=$ Screw |  |  |
| Mounting |  | $\mathbf{P}=$ Through <br> Panel |  |
| Coil <br> Voltage * |  |  | Blank $=26.5 \mathrm{Vdc}$ <br> $-12 \mathrm{Vdc}=12 \mathrm{Vdc}$ <br> $\mathbf{- 1 1 5 V d c}=115 \mathrm{Vdc}$ |

[^1]
[^0]:    *     * Consult factory for load switching applications.

[^1]:    * 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 $\mathrm{P} / \mathrm{N}$ on the relay.

