

FEATURES

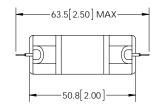
- RF efficient design offers high power handling in a small package
- High voltage solder connections provide additional external isolation from PC boards
- > RF screen helps assure interference free operation when relays are mounted side by side
- > Vacuum dielectric offers low stable contact resistance

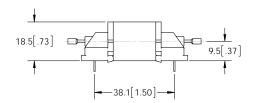
PRODUCT SPECIFICATIONS

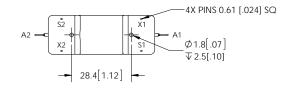
| Contact & Relay Ratings | Units | GR6HBA318 |
|---|----------|-------------|
| Contact Form | | А |
| Contact Arrangement | | SPST-NO |
| Voltage Ratings | | |
| Between Contacts | kV Peak | 7 |
| Contacts to Coil | kV Peak | 7 |
| Contacts to Screen | kV Peak | 7 |
| Coil to Screen | kV Peak | .5 |
| Current Carry Max | | |
| @ DC | Amps | 10 |
| @ 30 Mhz | Amps | 6 |
| Contact Resistance | Ohms | 0.050 |
| Capacitance | | |
| Across Open Contacts | pF | 0.4 |
| Contacts to Ground | pF | 5 |
| Initial Insulation Resistance | GigaOhms | 10 |
| Operate Time * | ms | 2 |
| Release Time* | ms | 1 |
| Life, Mechanical | cycles | 100 million |
| Weight, Nominal | g (oz) | 24 (0.85) |
| Vibration, Operating, Sine(10-500 Hz Peak) | G's | 20 |
| Shock, Operating, 1/2 Sine11ms (Peak) | G's | 100 |
| Temperature Ambient Operating | | |
| Operating | °C | -40 to +85 |
| Storage | °C | -55 to +125 |

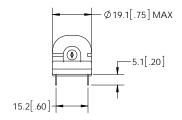
^{*} Operate and release times are with external diode suppression, @ 25°C.

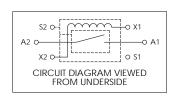












COIL RATINGS

| GR6HBA318 | Units | Value |
|------------------|-------|-------|
| Volts, Nominal | Vdc | 24 |
| Voltage, Max. | Vdc | 30 |
| Pickup, Max. | Vdc | 16 |
| Dropout, Max. | Vdc | 4 |
| Coil Resistance | Ohms | 1000 |
| RF Screen, Inner | Pin # | S1 |
| RF Screen, Outer | Pin # | S2 |