

GR6FNA218

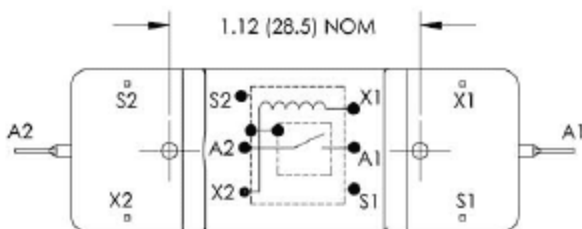
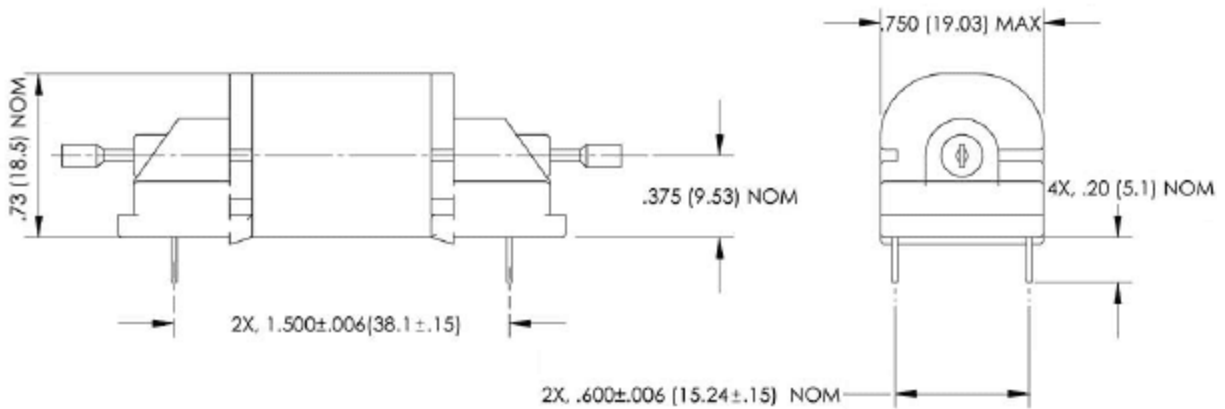
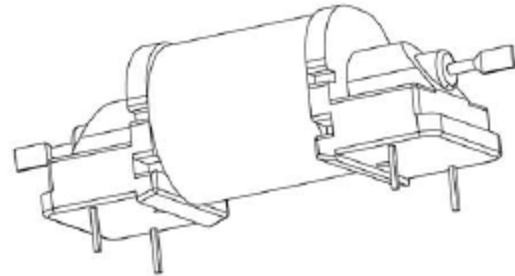
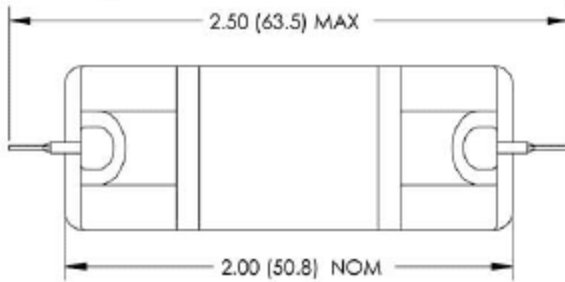
5 kV

No Load Switching
 RoHS Compliant, date code 0701 and later



| FEATURES |
|--|
| • RF efficient design offers high power handling in a small package. |
| • High voltage solder connections provide additional external isolation from PC boards. |
| • Mechanical life of 100 million operations is ideal for high speed, long life RF switching. |
| • Vacuum dielectric offers low stable contact resistance. |

- NOTES:
1. DIMENSIONS IN PARENTHESIS ARE IN MM.
 2. PIN DIMENSIONS ARE .024 (.61) NOM. SQUARE.
 3. RECOMMENDED PCB HOLES .043 (1.0).



| PRODUCT SPECIFICATIONS | | |
|--|----------|-------------|
| Contact & Relay Ratings | Units | GR6FNA218 |
| Contact Form | | A |
| Contact Arrangement | | SPST-NO |
| Voltage Ratings | | |
| Between Contacts | kV Peak | 5 |
| Contacts to Coil | kV Peak | 5 |
| Current Carry , Max. | | |
| @ DC | Amps | 8 |
| @ 30 Mhz | Amps | 6 |
| Contact Resistance | Ohms | 0.050 |
| Capacitance | | |
| Across Open Contacts | pF | 0.6 |
| Closed Contacts to Ground | pF | 4 |
| Initial Insulation Resistance | GigaOhms | 10 |
| Operate Time* | ms | 3 |
| Release Time* | ms | 1 |
| Mechanical Life | cycles | 100 million |
| Weight, Nominal | g (oz) | 24 (0.85) |
| Vibration, Operating, Sine(10-500 Hz Peak) | G's | 20 |
| Shock, Operating, 1/2 Sine 11ms (Peak) | G's | 100 |
| Temperature Range | | |
| Operating | °C | -40 to +85 |
| Storage | °C | -55 to +125 |

| COIL RATINGS | | |
|-----------------|-------|-----------|
| Volts, Nominal | Units | GR6FNA218 |
| Volts, Nominal | Vdc | 12 |
| Voltage, Max. | Vdc | 15 |
| Pickup, Max. | Vdc | 8 |
| Dropout, Max. | Vdc | 2 |
| Coil Resistance | Ohms | 480 |

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

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

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GIGAVAC® - P.O. Box 4428 - Santa Barbara, CA 93140-4428 - ph +(805) 684-8401 - +(805) 755-2000
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