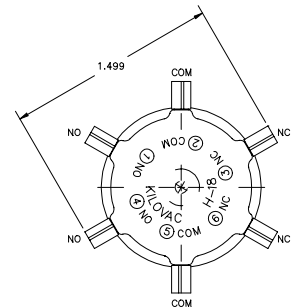
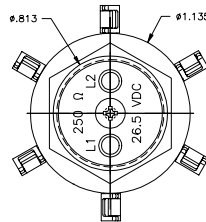
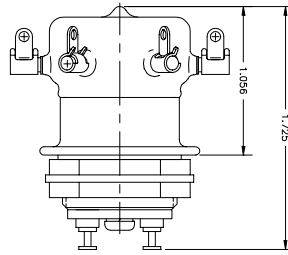
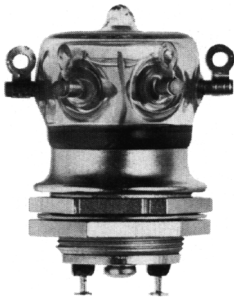


Kilovac H-18 Make & Break Load Switching



Features:

- Smallest DPDT high voltage relay
- Vacuum dielectric for power switching low current loads
- 8 kV rating; carries 2 Amps at 32 MHz
- Tungsten contacts for power switching low current loads
- Meets requirements of MIL-R-83725

| PRODUCT SPECIFICATIONS | | |
|---|----------|-------------|
| Part Number | Units | H-18 |
| Contact Arrangement | | DPDT |
| Contact Form | | 2C |
| Test Voltage (dc or 60Hz) | kV Peak | 10 |
| Rated Operating Voltage | kV Peak | |
| dc or 60 Hz | | 8 |
| 2.5 MHz | | 5 |
| 16 MHz | | 3 |
| 32 MHz | | 2 |
| Continuous Carry Current , Maximum | Amps | |
| dc or 60 Hz | | 10 |
| 2.5 MHz | | 7 |
| 16 MHz | | 3 |
| 32 MHz | | 2 |
| Coil Hi-Pot (V RMS, 60 Hz) | | 500 |
| Contact Capacitance | pF | |
| Between Open Contacts | | 0.8 |
| Open Contacts to Ground | | 1.5 |
| Contact Resistance, Maximum | ohms | 0.02 |
| Operate Time, Maximum | ms | 15 |
| Release Time, Maximum | ms | 15 |
| Shock, 11 ms 1/2 Sine | G's Peak | 30 |
| Vibration, 10 G's Peak | Hz | 55-500 |
| Operating Ambient Temperature Range | °C | -55 to +125 |
| Mechanical Life (Operations x 10 ⁶) | cycles | 1 |
| Weight, Nominal (oz) | oz. | 2.5 |

| COIL DATA | | | |
|-----------------------------|--------|--------|--------|
| H-18 | | | |
| Nominal, Volts dc | 12 | 26.5 | 115 |
| Pickup, Volts dc, Maximum | 8 | 16 | 80 |
| Drop-Out, Volts dc | .5 - 5 | 1 - 10 | 5 - 50 |
| Coil Resistance (Ohms ±10%) | 60 | 250 | 3500 |

PART NUMBER SELECTION

Sample Part No. H-18 / 12Vdc
 Model H-18
 Coil Voltage _____
 Blank = 26.5 Vdc
 /12Vdc = 12 Vdc
 /115Vdc = 115 Vdc