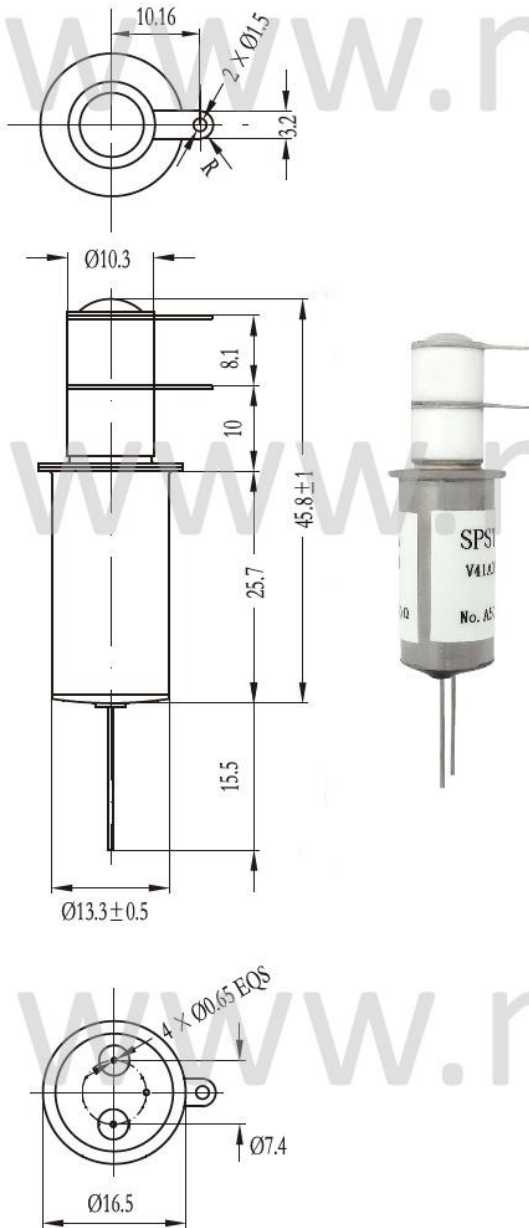


## V41A



### PRODUCT SPECIFICATIONS

| Item                                                                                        | V41A                 |     |
|---------------------------------------------------------------------------------------------|----------------------|-----|
| Contact Form                                                                                | A                    |     |
| Contact Arrangement                                                                         | SPST                 |     |
| Maximum Peak Test Voltage, Contacts and to Base<br>(15µA Leak Current Max.) dc or 60Hz (kV) | 6                    |     |
| Contact Material<br>(moveable/stationary)                                                   |                      |     |
| Maximum Peak Operating<br>Voltage, Contacts and<br>to Base (kV)<br>(15µA Leak Current Max.) | dc or 60Hz           | 5   |
|                                                                                             | 2.5MHz               | 4.5 |
|                                                                                             | 16MHz                | 3.5 |
|                                                                                             | 32MHz                | 2.8 |
| Current, Continuous<br>Carry Max (A)                                                        | dc or 60Hz           | 30  |
|                                                                                             | 2.5MHz               | 24  |
|                                                                                             | 13.56MHz             | 16  |
|                                                                                             | 32MHz                | 12  |
| Coil Hi-Pot (V RMS, 60 Hz)                                                                  | 500                  |     |
| Capacitance Max (pF)                                                                        | Across Open Contacts | 1.2 |
|                                                                                             | Contacts to Ground   | 1.2 |
| Operate Time Max (ms)                                                                       | 10                   |     |
| Release Time Max (ms)                                                                       | 10                   |     |
| Resistance, Contact Max @ 1A, 28 Vdc (Ω)                                                    | 0.02                 |     |
| Operating Temperature Ambient (°C)                                                          | -55 ~ +125           |     |
| Shock, Operating, 1/2 Sine 11ms (Peak) (G's)                                                | 50                   |     |
| Vibration, Operating, Sine (55-2000 Hz Peak) (G's)                                          | 10                   |     |
| Life, Mechanical (Cycles)                                                                   | 2million             |     |
| Weight, Nominal (g(oz))                                                                     | 28(1)                |     |

### COIL RATINGS

|                          |      |
|--------------------------|------|
| Nominal, Volts dc        | 26.5 |
| Pick-up, Volts dc, Max.  | 16   |
| Drop-out, Volts dc       | 1-10 |
| Coil Resistance (Ω ±10%) | 290  |

☆Ratings Listed are for 25°C, Sea Level Conditions

### PART NUMBER SYSTEM

**V41 A 3 3 4**

|                |                            |                                                                                                                                                                  |                                                                          |                                      |
|----------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------|
| Series:<br>V41 | Contact Form:<br>A=SPST-NO | Coil Voltage:<br>2= 2Vdc Bus Wire<br>3=26.5Vdc Bus Wire<br>5=115Vdc Bus Wire<br>7=12Vdc Turret Terminal<br>8=26.5Vdc Turret Terminal<br>9=115Vdc Turret Terminal | High Voltage<br>Connections:<br>3=Solder connection<br>solder connection | Mounting:<br>2=Flanged<br>4=Standard |
|----------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------|

Ordering  
Information:

**MGS**

**MAX-GAIN  
SYSTEMS, INC.**

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