

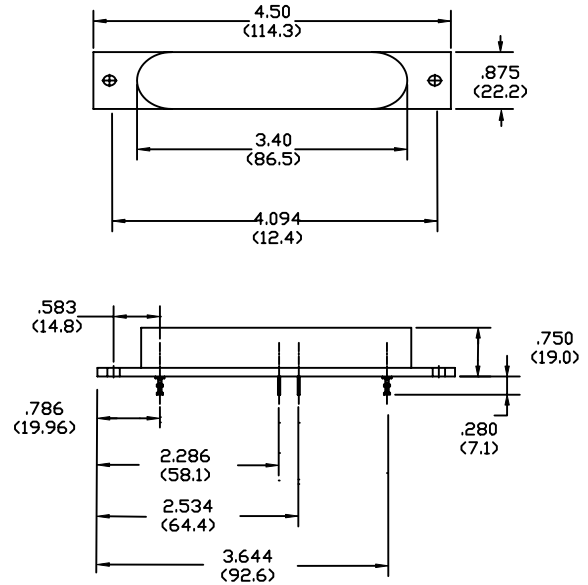
Epoxy Encapsulated High Voltage Reed.
SPST-NO tungsten contacts switches loads
up to 10mA @ 500 Volts DC 102HV Series same
as above except: Switches 10,000 Volts with loads
up to 5 mA DC

SPST - NO. 5 TO 10 MILLIAMPS

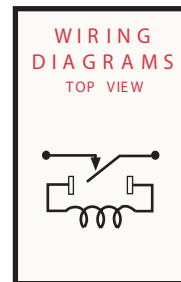
GENERAL SPECIFICATIONS (@ 25 ° C)

<p>COIL</p> <p>Pull-in Voltage AC (% of nominal): Drop-out Voltage (% of nominal): Maximum Voltage (% of nominal): Resistance (ohms): Coil Power: Duty:</p> <p>CONTACTS</p> <p>Contact Material: Contact Rating: Contact Resistance, Initial:</p> <p>TIMING: Operate Time: Release Time:</p> <p>Across Open Contacts: Between Mutually Insulation Points: Insulation Resistance: Capacitance:</p> <p>TEMPERATURE: Operating: Storage:</p> <p>LIFE EXPECTANCY Electrical Mechanical</p> <p>MISCELLANEOUS Shock Vibration Mounting Position Enclosure Weight</p>	<p>75% of nominal voltage or less 10% of nominal voltage or less 110% of nominal voltage ±10% measured @ 25° C See Chart Continuous</p> <p>Tungsten 200 milliohms max 10 mA 5000VDC (VX) 5mA @ 10,000VDC (HVX)</p> <p>1 mS or less @ nominal voltage 1 mS or less @ nominal voltage</p> <p>12,000VDC 1000 megohms min. @ 500VDC 5 pf typical coil to contact</p> <p>-40° C to ± 85° C -40° C to ± 105° C</p> <p>1,000,000 operations @ rated load 10,000,000 operations @ no load</p> <p>30 g's, 11mS, 1/2 sine wave 10 g's, 10Hz to 1000Hz Any Epoxy Encapsulated 49 g's approx.</p>
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OUTLINE DIMENSIONS DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



Do not use wire heavier than #22 WG. Excess stress on terminals could cause damage to internal components



STANDARD PART NUMBERS	NOMINAL INPUT VOLTAGE	NOMINAL RESISTANCE (OHMS)	NOMINAL POWER (mW)
5,000 VOLTS NORMALLY OPEN-10mA			
W102VX-49	VDC	70	500 mW
W102VX-50	12 VDC	250	580 mW
W102VX-51	24 VDC	1000	580 mW
10,000 VOLTS NORMALLY OPEN-5mA			
W102HVX-3	24 VDC	400	1.5 Watts