



FEATURES

- Ultraminiature design
- PC Terminals on .1 in. grid pattern
- Contact capacity from 1 mA to 1A
- Meets FCC part 68 voltage surge
- Class "B" insulation standard
- High sensitivity, 150 mW nominal power
- Sealed, immersion cleanable



File # E86876

UL/CSA RATINGS

Contact Form	1 Form C SPDT
Rated Load	0.5A @ 125VAC; 1A @ 30 VDC
Max. Switching Current	1 Amp
Max. Switching Voltage	125 VAC / 60 VDC
Max. Continuous Current	2 Amps
Max. Switching Power	62.5 VA / 30 W
Minimum Load	1 mA @ 5 VDC

CONTACT DATA

Material	Ag (Fine Silver) Ag + Au (Fine Silver Gold Clad)	
Resistance	100 milliohms max @ 0.1A, 6VDC	
Service Life	Mechanical	5 X 10 ⁶ Operations
	Electrical	1 X 10 ⁵ Operations

CHARACTERISTICS

Operate Time	5 ms. Max.
Release Time	5 ms. Max.
Resistance	1,000 megohms min, at 500VDC, 50%RH between coil and contacts 1,000 megohms min, at 500VDC, 50%RH between open contacts
Dielectric Strength	1000 Vrms, 1 min. between coil and contacts 400 Vrms, 1 min. between open contacts
Surge Resistance	1500 V, between coil and contacts (FCC Part 68)
Shock Resistance	10 g, 11ms, functional; 100 g, destructive
Vibration Resistance	DA 3.3 mm, 10 - 55 Hz
Power Consumption	0.15 W
Ambient Temperature Range	-30 to 70 C operating and storage
Weight	2.2 grams approx.

ORDERING INFORMATION

Example:	PC307	-12	G	-X
Model				
Coil Voltage				
Contact Material				
G: Fine Silver Gold Clad, N: Silver Nickle Gold Clad				
RoHS Compliant				
-X: RoHS Compliant				

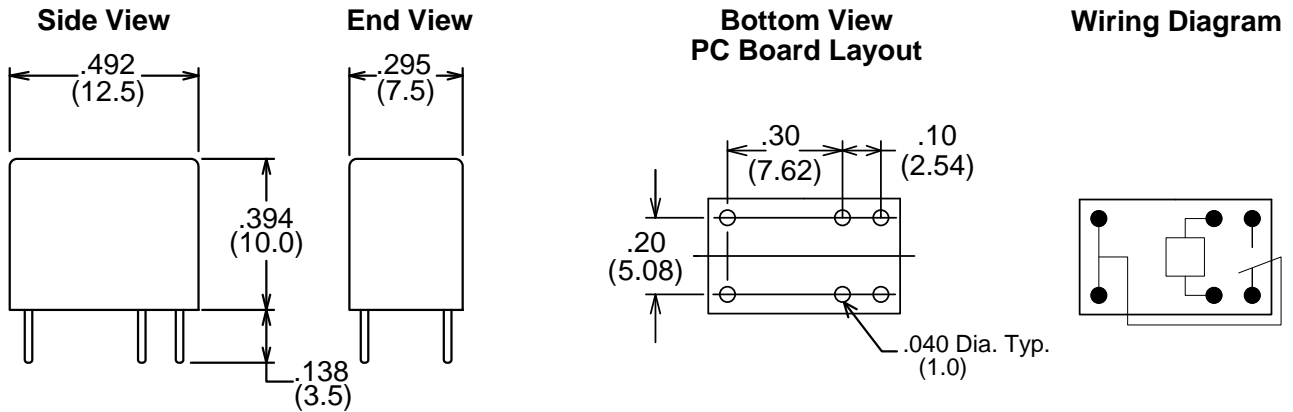
COIL DATA

Coil Voltage	Resistance ohms \pm 10%	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)	Continuous Voltage Max. (VDC)	Coil Power
1.5	15	1.2	0.15	3.0	150
3	60	2.4	0.3	6.0	150
5	167	4.0	0.5	10.0	150
6	240	4.8	0.6	12.0	150
9	540	7.2	0.9	18.0	150
12	960	9.6	1.2	24.0	150
24	3840	19.2	2.4	48.0	150

Caution: 1. The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
 2. Pickup and release voltage are for test purposes only and are not to be used as design criteria.

Dimensions in Inches (millimeters)

Drawings are 2X actual size



Notes:

Tolerances \pm .010 unless otherwise noted



3220 Commander Drive, Suite 102, Carrollton, Texas 75006

Sales: (888) 997-3933, (972) 713-6272 Fax: (972) 724-0964 email: sales@pickercomponents.com URL: pickercomponents.com