



Ultraminiature PCB Telecom Relay

PC307



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)	
Initial Contact 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.
Insulation 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	-40 to 70 C operating and storage
Weight	2.2 grams approx.

ORDERING INFORMATION

Example:	PC307	-12	G	-X
Model				
Coil Voltage				
Contact Material				
A: Fine Silver, G: Fine Silver Gold Clad				
RoHS Compliant				
Nil: Not RoHS, -X: RoHS Compliant				



3220 Commander Drive, Suite 102, Carrollton, Texas 75006

Sales: Call Toll Free (888)997-3933 Fax (818) 342-5296 email: pickerwest@sbcglobal.net URL: pickercomponents.com

www.DataSheet4U.com

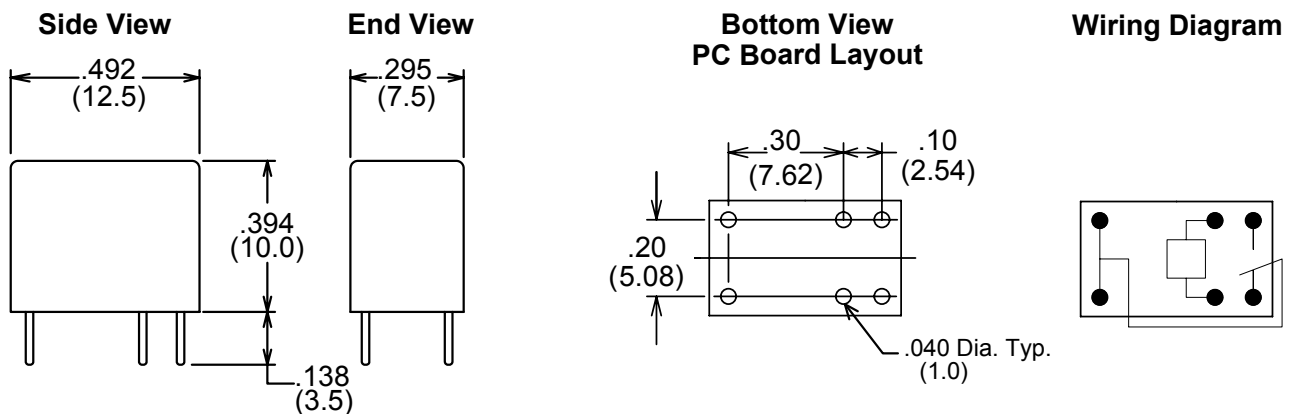
COIL DATA

Coil Voltage	Resistance ohms \pm 10%	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)	Continuous Voltage Max. (VDC)
3	60	2.4	0.3	3.3
5	167	4.0	0.5	5.5
6	240	4.8	0.6	6.6
9	540	7.2	0.9	9.9
12	960	9.6	1.2	13.2
18	2160	14.4	1.8	19.8
24	3840	19.2	2.4	26.4

Note: Custom coil voltages within the ranges shown are available on special order.

Dimensions in Inches (millimeters)

Drawings are 2X actual size



Notes:

Tolerances \pm .010 unless otherwise noted

PICKER
C O M P O N E N T S

3220 Commander Drive, Suite 102, Carrollton, Texas 75006

Sales: Call Toll Free (888) 997-3933 Fax (818) 342-5296 email: pickerwest@sbcglobal.net URL: pickercomponents.com

www.DataSheet4U.com