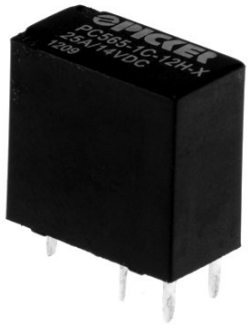
Ultraminiature Automotive PCB Power Relay PC565



FEATURES

- Ultraminiature Design
- Contact Switching Capacity up to 30 Amps
- Sealed, Immersion Cleanable
- RoHS Compliant
- Available as a Dual see PC567
- Fully Automated Assembly

CONTACT RATINGS 14 VDC

Contact Form	1 Form C (SPDT)
Max Switching Current	30 A
Max Switching Power	480 Watts
Max Switching Voltage	16 VDC
Max Continuous Current	25 A
Motor Locked Rotor	25 A at 14 VDC

CONTACT DATA

Material		$AgSnO_2$
Service Life	Electrical	1 x 10^5 Operations
	Mechanical	1 x 10^6 Operations

CHARACTERISTICS

Operate Time	10 ms Max
Release Time	5 ms Max
Insulation Resistance	100 MΩ min at 500VDC,
Dielectric Strength	500 V 50 Hz between contacts 1,000 V 50 Hz between coil and contacts
Shock Resistance	98 m/s^2 11 ms
Vibration Resistance	10 Hz - 500 Hz; Acceleration: 43.1 m/s^2
Terminal Strength	5 N
Operating Temperature	-40 to 85°C Standard
Operating Temperature	-40 to 105°C Class F
Relative Humidity	85% (40°C)
Weight	4.1 g
Power Consumption	800 mW

ORDERING INFORMATION

Example:	PC565	-1C	-12	H	F	-X

Model: **PC565**

Contact Form: **1C (SPDT)**

Coil Voltage: **12**

Coil Power: **H**: 800 mW

Insulation System: **Nil**: -40° C to +85° C; **F**: -40° C to +105° C*

RoHS Compliant: **-X**

Box Quantity: 200; 40 Per Tube

*White cover and suited for reflow soldering.

3220 Commander Drive, Suite 102 Carrollton, TX 75006
Sales: (972) 713-6272 (888) 997-3933 Fax: (972)735-0964
www.PickerComponents.com
e-mail: sales@pickercomponents.com

Dimensions are listed for reference purposes only.
Specifications and Availability subject to change without notice.

COIL DATA

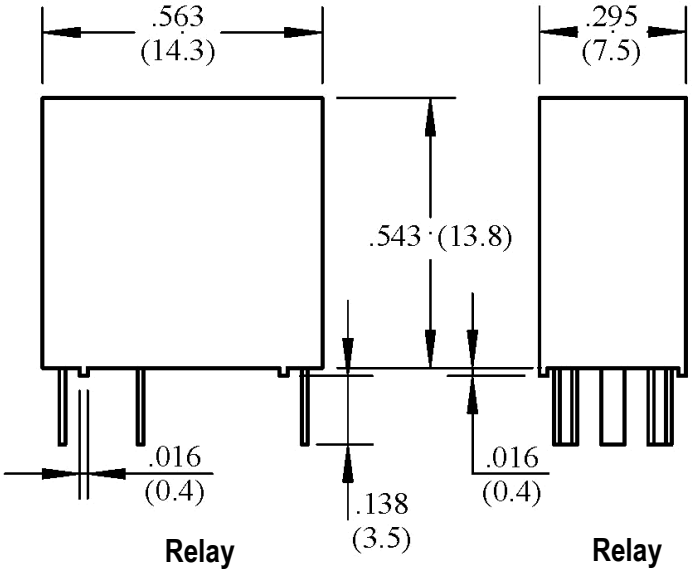
Coil Voltage (VDC)		Resistance (Ohms ± 10%)	Must Operate Voltage Max (VDC)	Must Release Voltage Min. (VDC)	Coil Power (mW)
Rated	Max				
12	16	384	6.5	1.0	800

NOTES:

The use of any coil voltage less that the rated voltage will compromise the operation of the relays.
Must Operate Voltage and Release voltages are for test purposes only and are not to be used as design criteria.

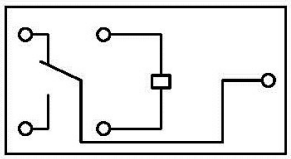
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DIMENSIONS inches/(mm)

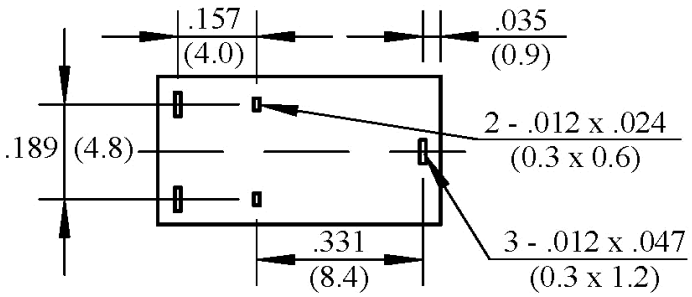


Relay (Front View)

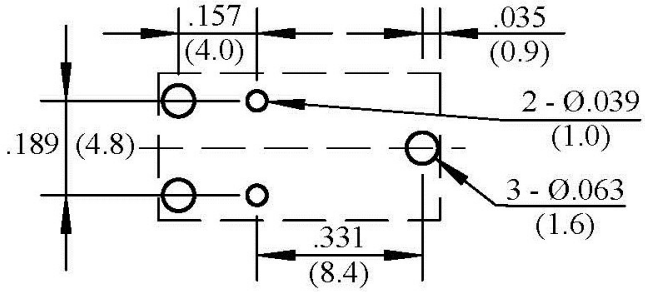
Relay (Side View)



Wire Diagram



Terminal Layout (Bottom View)



PC Board Layout (Top View)