

Slimline Power PCB Relay	<b>PC385</b>
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### FEATURES

- 10 Amp continous contact capacity
- 1 Form A & 1 form C contact forms
- Slimline design
- TV 5 Rated
- Sensitive version available
- Impulse surge withstand of 10,000 V
- Sealed, immersion cleanable

**c AU US** File # E86876

### UL/CUR RATINGS

Load Type	Form 1A SPST NO	Form 1C SPDT
<b>High Capacity</b>	10 Amps @ 250 VAC/30 VDC	10 Amps @ 250 VAC/30 VDC
<b>General Use</b>	5 Amps @ 250 VAC/30 VDC	5 Amps @ 250 VAC/30 VDC
<b>Capacitive (TV) Load</b>	100 A inrush (0.3-0.35 ms) 3 A Steady state @ 125 VAC NO only "TV-5"	
<b>Max. Switching Capacity</b>	1,250 VA, 150 W	

### CONTACT DATA

<b>Material</b>	AgCdO (Silver Cadmium Oxide) AgSnO <sub>2</sub> (Silver Tin Oxide)	
<b>Initial Contact Resistance</b>	100 milliohms max @ 0.1A, 6VDC	
<b>Service Life</b>	<b>Mechanical</b>	1 X 10 <sup>7</sup> Operations
	<b>Electrical</b>	1 X 10 <sup>5</sup> Operations

### CHARACTERISTICS

<b>Operate Time</b>	10 ms. Max.
<b>Release Time</b>	5 ms. Max.
<b>Insulation Resistance</b>	1000 megohms min, at 500VDC, 50%RH
<b>Dielectric Strength</b>	4000 Vrms, 1 min. between coil and contacts 1000 Vrms, 1 min. between open contacts
<b>Shock Resistance</b>	10 g, 11ms, functional; 100 g, destructive
<b>Vibration Resistance</b>	DA 1.6 mm, 10 - 55 Hz
<b>Power Consumption</b>	.25W & .53W
<b>Ambient Temperature Range</b>	-40 to 70 C operating for class B, -40 to 130 C storage
<b>Weight</b>	12 grams approx.

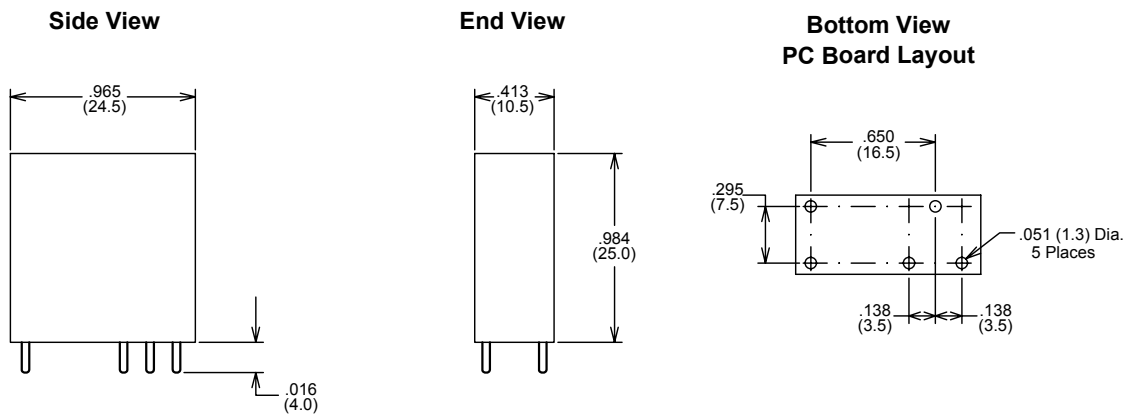
### ORDERING INFORMATION

Example:	PC385	-1C	-12	S	-H
Model					
Contact Form 1A, 1C					
Coil Voltage					
Enclosure S: Sealed; C: Flux Free					
Coil Sensitivity Nil: Standard, 530MW, H: Sensitive, 250 MW					

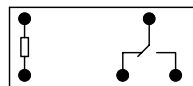
**COIL DATA**

Coil Voltage	Resistance ohms $\pm 10\%$		Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)
	Standard Coil	Sensitive Coil		
5	47	100	3.75	0.25
6	68	145	4.50	0.30
9	155	325	6.75	0.45
12	270	575	9.00	0.60
18	620	1300	13.5	0.90
24	1080	2310	18.0	1.20
48	4400	9210	36.0	2.40

**Dimensions in Inches (millimeters)**



**Wiring Diagram**



Notes:  
 Contact Form C shown  
 On Contact Forms A Unused Pin is Omitted  
 Tolerances  $\pm .010$  unless otherwise noted



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