

Slimline Power PCB Relay

PC385



FEATURES

- 10 Amp continuous 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



File # E86876

UL/CUR RATINGS

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

CONTACT DATA

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

CHARACTERISTICS

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

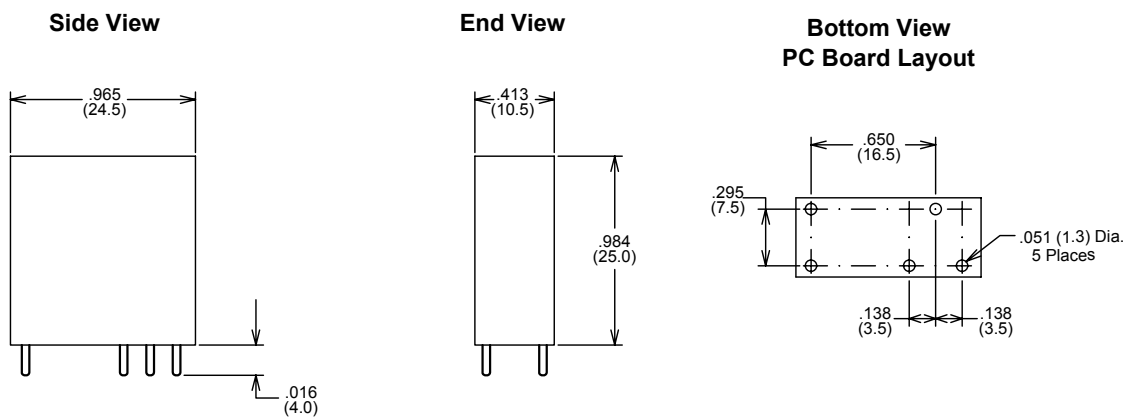
ORDERING INFORMATION

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				

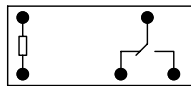
COIL DATA

Coil Voltage	Resistance ohms \pm 10%				Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)
	Standard Coil		Sensitive Coil			
5	47	0.53 W	100	0.25 W	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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