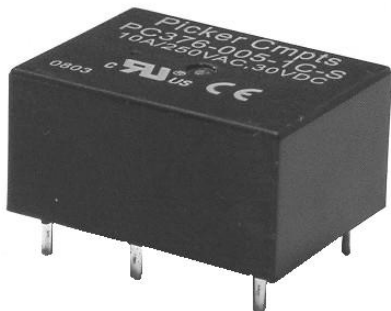


Subminiature PCB Power Relay

PC376



FEATURES

- 10 Amp continuous contact capacity
- 1 Form A & 1 form C contact forms
- Subminiature design
- Class "B" insulation standard
- Sensitive version available
- 16 amp version available
- Sealed, immersion cleanable



File # E86876

UL/CUR RATINGS

Load Type	Form 1A SPST NO	Form 1C SPDT
High Capacity	16 Amps @ 250 VAC	10 Amps @ 250 VAC
General Use	16 Amps @ 250 VAC	10 Amps @ 250 VAC
	16 Amps @ 30 VDC	10 Amps @ 30 VDC

CONTACT DATA

Material	AgCdO (Silver Cadmium Oxide)	
	AgSnOInO (Silver Tin Oxide Indium 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	1500 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	.2W & .45W
Ambient Temperature Range	-40 to 85 C operating for class B, -40 to 130 C storage
Weight	10 grams approx.

ORDERING INFORMATION

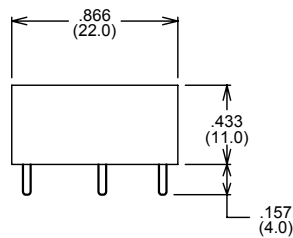
Example:	PC376	-1C	-12	S	-H
Model					
Contact Form					
1A, 1C					
Coil Voltage					
Enclosure					
S: Sealed; C: Flux Free					
Coil Sensitivity					
Nil: Standard .45 W, H: Sensitive .2 W					

COIL DATA

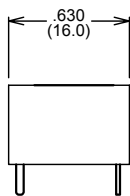
Coil Voltage	Resistance ohms ± 10%				Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)
	Standard Coil		Sensitive Coil			
3	20	0.45 W	45	0.20 W	2.25	0.15
5	55		125		3.75	0.25
6	80		180		4.50	0.30
9	180		400		6.75	0.45
12	320		720		9.00	0.60
18	720		1620		13.50	0.90
24	1280		2800		18.00	1.20

Dimensions in Inches (millimeters)

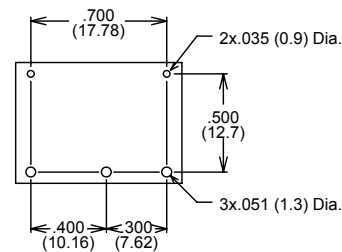
Side View



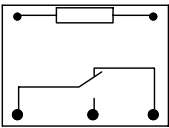
End View



Bottom View
PC Board Layout



Wiring Diagram



Notes:
Contact Form C shown
On Contact Forms A & B Unused Pins are Omitted
Tolerances \pm .010 unless otherwise noted



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