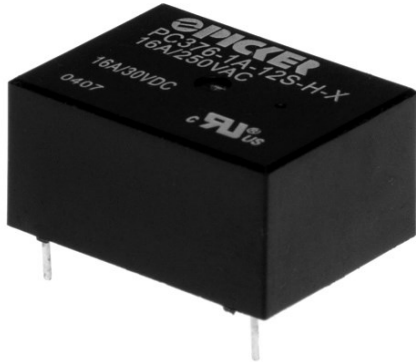


Subminiature PCB Power Relay

PC376



FEATURES

- 10 Amp continuous Contact Capacity
- 1 Form A and 1 Form C Contact Forms
- Subminiature Design
- Class "B" Insulation Standard
- Sensitivity Version Available
- Sealed, Immersion Cleanable
- RoHS Compliant:

Rated Load		1A SPST	1C SPDT	
		NO	NO	NC
Resistive	250 VAC	16 A	10 A	10 A
	30 VDC	16 A	10 A	10 A
Max. Switching Power		480 W 4,000 VA		
Max. Switching Voltage		110 VDC 380 VAC		
Max. Switching Current		16 A		

CONTACT DATA

Material		AgCdO
Initial Contact Resistance		50 mΩ Max.
Service Life	Mechanical	1 X 10 ⁷ Operations
	Electrical	1 X 10 ⁵ Operations

CHARACTERISTIC

Operate Time	10 ms. Max.
Release Time	5 ms. Max.
Insulation Resistance	100 MΩ min, at 500 VDC
Dielectric Strength	750 V, 50 Hz, Between Open Contacts
	1,500 V, 50HZ, Between oil and Contacts
Shock Resistance	1000 m/s ² 11 ms
Power Consumption	200 mW, 450 mW

CHARACTERISTIC Continued

Vibration Resistance	10 Hz - 55 Hz Double Amplitude 1.5 mm
Terminal Strength	10N
Solderability	235 °C ± 2°C 3 s ± 0.5 s
Operating Temperature	- 40°C - 85°C Class B
Operating Temperature	- 40°C - 125°C Class F
Relative Humidity	85% at 20°C
Weight	10 g

ORDERING INFORMATION

Example:	PC376	-1C	-12	S	-H	-X
Model:	PC376					
Contact Form:	1A, 1C					
Coil Voltage:	3, 5, 6, 9, 12, 18, 24, 48					
Enclosure:	S: Sealed; C: Flux Free					
Insulation Material:	Nil: Class B; F: Class F					
Coil Sensitivity:	Nil: Standard 450 mW; H: Sensitive 200 mW					
RoHS Compliant:	-X					

Box Quantity: 2,000; Inner Box 1,000

COIL DATA

Coil Voltage (VDC)		Resistance ohms ± 10%	Must Operate Voltage Max (VDC)	Must Release Voltage Min. (VDC)	Coil Power (W)	Coil Sensitivity
Rated	Max					
5	6.5	125	3.75	0.25	200 mW	H
6	7.8	180	4.50	0.30		
9	11.7	405	6.75	0.45		
12	15.6	720	9.00	0.60		
18	23.4	1620	13.5	0.90		
24	31.2	2880	18.0	1.20		
48	52.8	9216	38.4	2.40		
5	6.5	56	3.75	0.25	450 mW	Nil
6	7.8	80	4.50	0.30		
9	11.7	180	6.75	0.45		
12	15.6	320	9.00	0.60		
18	23.4	720	13.5	0.90		
24	31.2	1280	18.0	1.20		
48	52.8	5,120	38.4	2.40		
100	130.0	166,600	80.0	10.0		

DIMENSIONS in Inches (mm)

