

Ultra Slim Miniature PCB Power Relay

PC466



FEATURES

- 5 Amp continuous contact capacity
- Ultra Slim Miniature design
- Sensitive .2 w coil
- 4 Kv dielectric between coil and contacts
- 6 KV surge voltage
- Class "B" insulation standard
- Sealed, immersion cleanable



File # E86876

UL/CUR RATINGS

Load Type	Resistive Load (Power Factor = 1)
Rated Load	5 amps at 250 VAC, 30 VDC
Max Switching Power	150 W / 1250 VA
Max Switching Voltage	250 VAC / 30 VDC

CONTACT DATA

Material	AgCdO (Silver Cadmium Oxide)	
Initial Contact Resistance	100 milliohms max @ 0.1A, 6VDC	
Service Life	Mechanical	2 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	3000 Vrms, 1 min. between coil and contacts 750 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	.2 W
Ambient Temperature Range	-25 to 70 C operating for class B, -25 to 130 C storage
Weight	3 grams approx.

ORDERING INFORMATION

Example:	PC466	-1A	-12	S	-X
Model:	PC466				
Contact Form:	1A				
Coil Voltage:	5, 12, 24				
Enclosure:	S: Sealed; C: Flux Free				
RoHS Compliant:	-X				

Box Quantity: 3,200; Inner Box: 800

COIL DATA

Coil Voltage	Resistance ohms \pm 10%	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)	Continuous Voltage Max. (VDC)
5	125	3.5	0.5	5.5
12	720	8.4	1.2	13.2
24	2880	16.8	2.4	26.4

**Dimensions in Inches (millimeters)
Drawings are 2X actual size**

