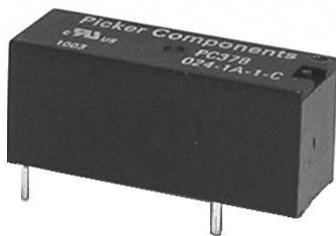


Low Profile Minature PCB Power Relay

PC378



FEATURES

- 8 Amp contact capacity
- 1 Form A and 1 form C contact forms available
- 5 KV dielectric strength between coil and contacts
- 8 mm creepage distance between coil and contacts
- Low profile design, .48 in. tall
- Meets UL 873 spacing
- Sealed, immersion cleanable



File # E86876

UL/CUR RATINGS

Contact Form	All Contacts All Forms
Rated Load	8 A @ 250 VAC, 5A @ 30 VDC
Max. Switching Current	10 Amps
Max Switching Power	2000 VA / 150 W
Max Switching Voltage	440 VAC / 125 VDC

CONTACT DATA

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

CHARACTERISTICS

Operate Time	7 ms. Max.
Release Time	3 ms. Max.
Insulation Resistance	1,000 megohms min, at 500VDC, 50%RH
Dielectric Strength	5000 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 2 mm, 10-50 Hz
Power Consumption	.25 Watts
Ambient Temperature Range	-40 to 85 C, -40 to 130 C storage
Weight	8.2 grams approx.

ORDERING INFORMATION

Example:	PC378	-1C	-12	S	C
Model					
Contact Form					
1A or 1C					
Coil Voltage					
Enclosure					
S: Sealed; C: Dust Cover					
Contact Material					
C: AgCdO					
T: AgSnO					
GC: Gold Plated AgCdO					
GT: Gold Plated AgSnO					

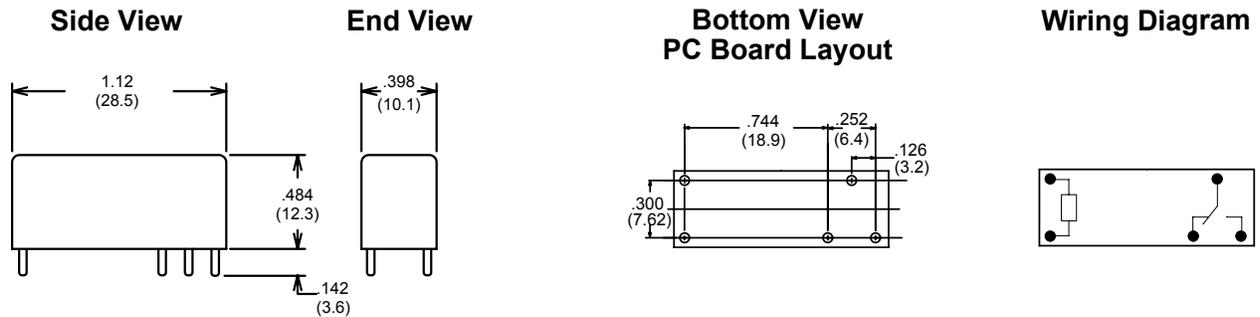
COIL DATA

Coil Voltage	Resistance ohms \pm 10%	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)	Continuous Voltage Max. (VDC)
5	113	3.75	0.5	5.5
6	164	4.50	0.6	6.6
12	617	9.00	1.2	13.2
24	2350	18.0	2.4	26.4
48	9600	36.0	4.8	52.8
60	12500	45.0	6.0	66.0

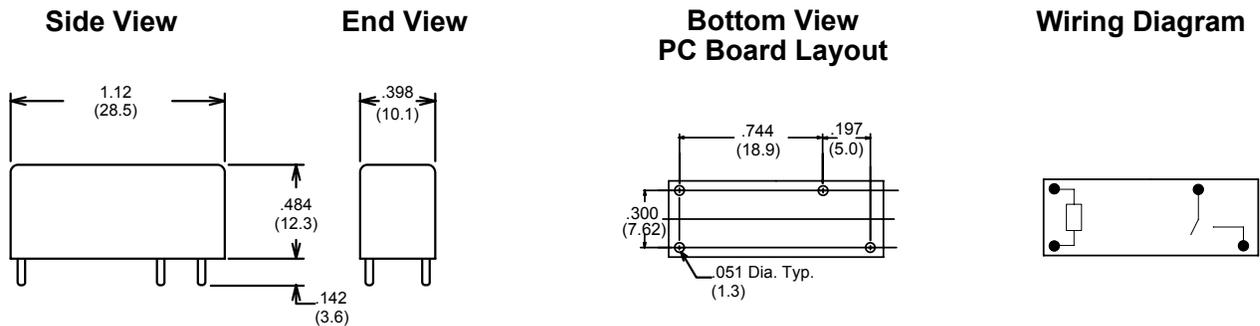
Note: Custom coil voltages within the ranges shown are available on special order.

Dimensions in Inches (millimeters)

1 Form C, 3.2 mm Spacing



1 Form A, 5 mm Spacing



Notes:

Tolerances \pm .010 unless otherwise noted



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