

## FEATURES

- 10 Amp Continuous Contact Capacity
- Subminiature Design
- Class B Insulation Standard
- High Sensitivity Version Available
- Sealed or Flux Tight Covers Available



## UL / CUL Ratings

Contact Form	1 Form A SPST N.O. 1 Form C SPDT	
Rated Load	Voltage	Amps
NO, Resistive, 6K cycles, 40°C	250VAC	16A
NC, Resistive, 6K cycles, 40°C	250VAC	10A
NO, Resistive, 6K cycles, 40°C	30VDC	16A
NC, Resistive, 6K cycles, 40°C	30VDC	10A

## CHARACTERISTICS

Insulation Resistance	1,000M $\Omega$ min. at 500 VDC
Dielectric Strength	1500V rms, between coil & contacts 750V rms, between contact
Power Consumption	.45W, .20W
Terminal Strength	10N
Solderability	260°C 5s $\pm$ 0.5s
Operating Temperature	-40°C to 85°C, Class B -40°C to 105°C, Class F
Storage Temperature	-40°C to 155°C
Shock Resistance	10m/s <sup>2</sup> for 11 ms
Vibration Resistance	1.5m double amplitude 10 Hz ~ 40 Hz
Weight	10g

## CONTACT DATA

Maximum Switching Power	250W, 2500VA
Maximum Switching Voltage	380VAC, 110VDC
Maximum Switching Current	16A
Material	AgSnO <sub>2</sub>
Initial Contact Resistance	50 m $\Omega$ max.
Service Life	Mechanical 1 x 10 <sup>7</sup> operations Electrical 1 x 10 <sup>5</sup> operations

Values can change due to the switching frequency, desired reliability levels, environmental conditions, and in-rush current levels. It is recommended to test to actual load conditions for the application. It is the users responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

## ORDERING INFORMATION

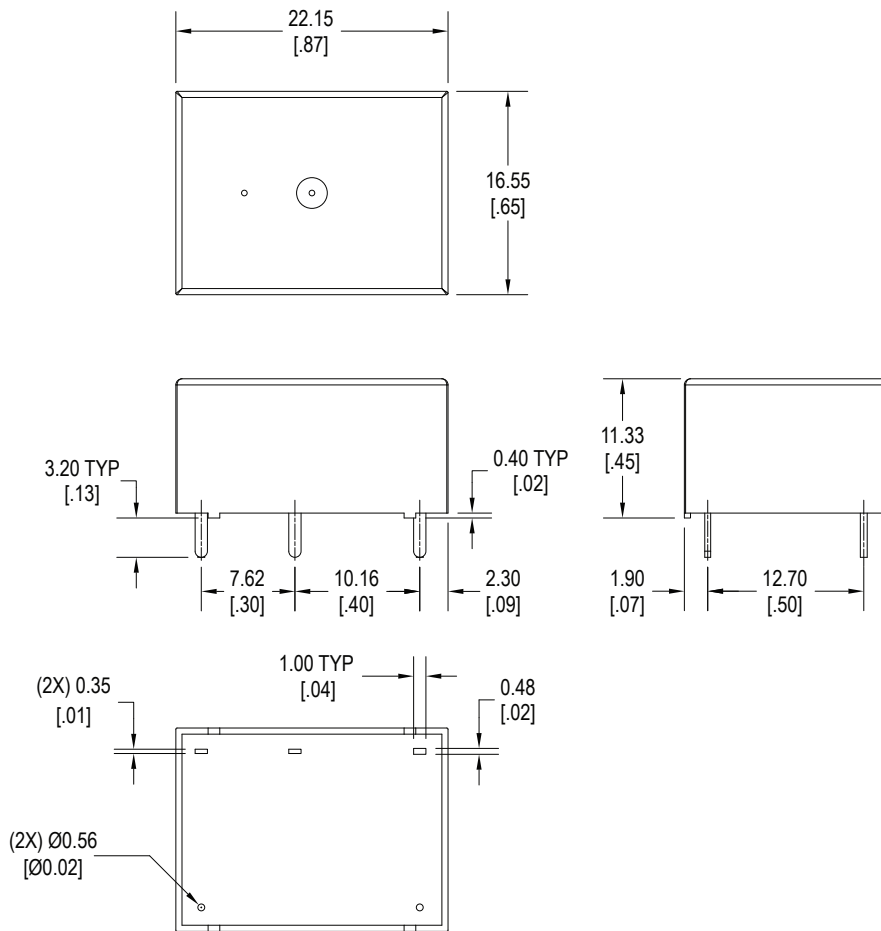
Example	PC376	-1A	-12	S	-H	-X
Model:	PC376					
Contact Form	1A 1C					
Coil Voltage	5 = 5VDC    18 = 18VDC 6 = 6VDC    24 = 24VDC 9 = 9VDC    48 = 48VDC 12 = 12VDC					
Enclosure	S = Sealed C = Flux Tight					
Insulation Material	Nil = Class B F = Class F					
Coil Sensitivity	Nil = 450mW, standard H = 200mW, sensitive*					
RoHS Compliant	-X					

\* Available with 1A contact only

## COIL DATA - Single Coil

Coil Voltage		Resistance (Ohms ± 10%)		Pick Up Voltage Max. VDC	Release Voltage Min. VDC	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	.20W	.45W					
5	6.5	125	56	3.75	.5	.20 .45	8	5
6	7.8	180	80	4.50	.6			
9	11.7	405	180	6.75	.9			
12	15.6	720	320	9.00	1.2			
18	23.4	1620	720	13.50	1.8			
24	31.2	2880	1280	18.00	2.4			
48	62.4	11520	5120	36.00	3.6			

## DIMENSIONS Inches (mm)



## SCHEMATICS & PC LAYOUT Bottom Views

