

Ultra Slim 5 Amp Relay

PC563



FEATURES

- Handles from signal level to 5 amps
- 1 Form A contact form
- Ultra Slim, 7.2 MM package
- 200 milliwatt sensitive coil
- 4 Kv dielectric between coil and contacts
- 7 Kv surge voltage
- Sealed, immersion cleanable



File # E86876

UL/CSA RATINGS

Load Type	All Forms All Contacts
General Use	5A at 30VDC / 250VAC
Resistive	5A at 30VDC / 250VAC
Minimum Load	10 mA at 5 VDC

CONTACT DATA

Material		AgCdO (Silver Cadmium Oxide) AgCdO+Au (Silver Cad Oxide Gold Clad)
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	4 ms. Max.
Insulation Resistance	1000 megohms min, at 500VDC, 50%RH
Dielectric Strength	4000 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 2.5 mm, 10 - 55 Hz
Power Consumption	0.2W
Ambient Temperature Range	-30 to 70 C operating for class B, -40 to 130 C storage
Weight	4 grams approx.

ORDERING INFORMATION

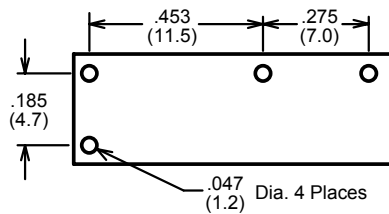
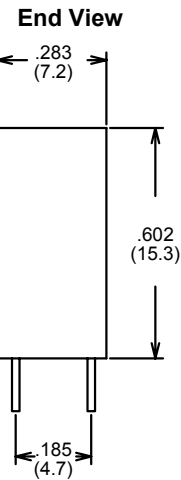
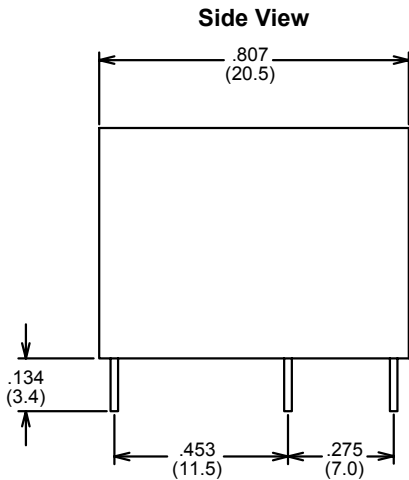
Example:	PC563	-1A	-12	S
Model				
Contact Form				
1A				
Coil Voltage				
Enclosure				
S: Sealed; C: Flux Free				

COIL DATA

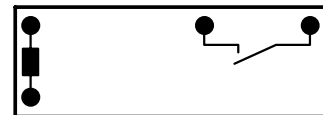
Coil Voltage	Resistance ohms \pm 10%	Must Operate Voltage Max. (VDC)	Must Release Voltage Min. (VDC)	Continuous Voltage Max. (VDC)
3	45	2.25	0.3	3.3
5	125	3.75	0.5	5.5
6	180	4.5	0.6	6.6
9	405	6.75	0.9	9.9
12	720	9.00	1.2	13.2
18	1620	13.5	1.8	19.8
24	2880	18.0	2.4	26.4

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

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



Hole Pattern



Wiring Diagram

Notes:

Tolerances \pm .010 unless otherwise noted
 Relays previously tested or used above 10mA at 6VDC or higher
 are not recommended for subsequent use in low level applications

