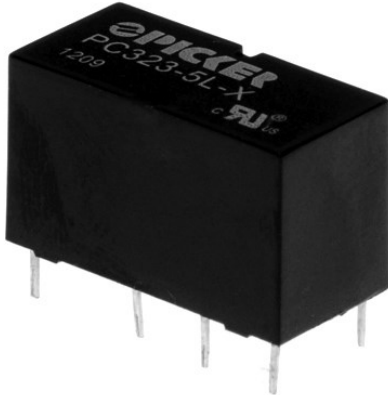


Subminiature PCB Telecom Relay With Bifurcated Contacts

PC332



FEATURES

- Subminiature Design
- DIL Package for PC Board or Socket
- Contact Capacity from 1 mA to 3 A
- Meets FCC part 68 Voltage Surge
- Class "B" Insulation Standard
- High Sensitivity Coil Option
- Bifurcated Crossbar Contacts
- Sealed Construction
- RoHS Compliant:



Contact Form	2 Form C, DPDT (Crossbar Contacts)
Switching Current Range	1 mA to 2 A
Switching Voltage Range	10 mVAC—250 VAC; 10 mVDC—220 VDC
Max, Continuous Current	3 A
Switching Power Range	10 micro W to 60 W 125 VA
UI Rated Loads	2 A 30 VDC; 0.6 A 125 VAC

CONTACT DATA

Material	AgRu + AU (Silver Ruthenium + Gold Clad)	
Initial Contact Resistance	50 milliohms max @ 1 A, 200 mv, 1 KHz	
Service Life	Mechanical	3 X 10 ⁵ Operations
	Electrical	1 X 10 ⁸ Operations

CHARACTERISTIC

Operate Time	Standard	5 ms. Max.
	Sensitive H & L	5 ms. Max.
Operate Bounce	Standard	1 ms Typical
	Sensitive H & L	0.5 ms Typical
Release Time	Standard	3 ms. Max.
	Sensitive H & L	5 ms. Max.
Release Bounce	Standard	2 ms Typical
	Sensitive H & L	3 ms Typical
Insulation Resistance	1,000 megohms min, at 500 VDC, 50% RH	
Dielectric Strength	1000 VAC, 1 min, Between Open Contacts	
	1000 VAC, 1 min, Between Coil and Contacts	
	1000 VAC, 1 min, Between Contacts Poles	

Surge Withstand Voltage	1500 V	
	1500 V	
	1500 V	
Shock Resistance	Functional	100 m/s ² 11 ms
	Survival	1000 m/s ² 6 ms
Vibration Resistance	Functional	10 Hz - 55 Hz Double Amplitude 1.5 mm
	Survival	10 Hz - 55 Hz Double Amplitude 5 mm
Terminal Strength	5N	
Solderability	235 °C ± 2°C 3 s ± 0.5 s	
Temperature Range	- 40°C ~ 90°C (-40° F ~ 194° F) (- 40°C ~ 80°C for 0.3 W Coil	
Weight	4.5 gr Approximately	

ORDERING INFORMATION

Example:	PC332	-12	L	-X
Model:	PC332			
Coil Voltage:	5, 6, 9, 12, 24, 48			
Contact Material:	Nil: AgNi + Au; P: AgPd + Au			
Coil Sensitivity:	Nil: 0.30 W; L: 0.15 W; H: .0.2 W			
RoHS Compliant:	-X			

Box Quantity: 4000; Inner Box: 1000

COIL DATA

Coil Voltage (VDC)		Resistance ohms ± 10%	Must Operate Voltage Max (VDC)	Must Release Voltage Min. (VDC)	Coil Power
Rated	Max				
3	7.5	60	2.1	0.15	0.15 W
5	12.5	167	3.5	0.25	0.15 W
6	15.0	240	4.2	0.3	0.15 W
9	22.5	540	6.3	0.45	0.15 W
12	30.0	960	8.4	0.6	0.15 W
18	40.0	1620	12.6	0.9	0.20 W
24	52.9	2880	16.8	1.2	0.20 W
48	84.9	7680	33.6	2.4	0.30 W

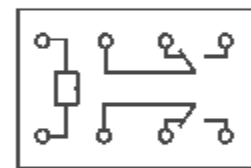
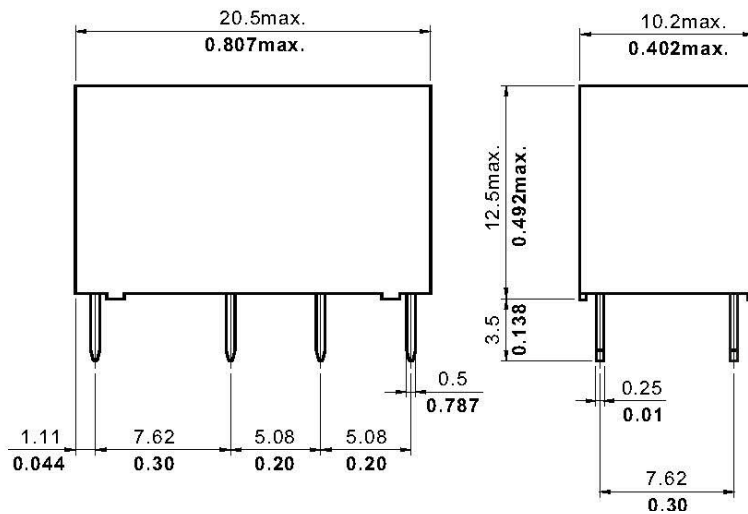
Coil Voltage (VDC)		Resistance ohms ± 10%	Must Operate Voltage Max (VDC)	Must Release Voltage Min. (VDC)	Coil Power
Rated	Max				
3	6.5	45	2.1	0.3	0.20 W
5	10.8	125	3.5	0.5	0.20 W
6	13.0	180	4.2	0.6	0.20 W
9	19.5	405	6.3	0.9	0.20 W
12	26.5	720	8.4	1.2	0.20 W
24	52.9	2880	16.8	2.4	0.20 W
48	103.9	11520	33.6	4.8	0.20 W

NOTES:

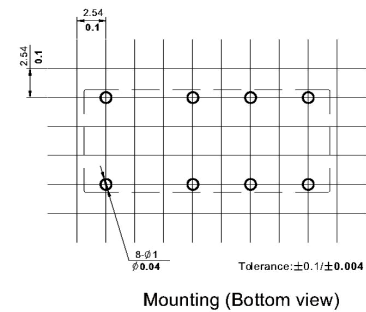
The use of any coil voltage less than the rated voltage will compromise the operation of the relays. Must Operate Voltage is listed for test purposes only and is not to be used as design criteria. Pickup and release voltages are for test purposes only and are not to be used as design criteria.

Dimensions are in mm, Inches are listed for reference only.

DIMENSIONS (mm/inches)



Wire Diagram (Bottom View)



Mounting (Bottom view)



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