
FEATURES

- Bifurcated Crossbar Contacts
- Meets FCC part 68 Voltage Surge
- Small Size and Light Weight
- PC Board Mounting


UL / CUL Ratings

Contact Form	2 Form C, DPDT (Crossbar Contacts)	
Rated Load	Voltage	Amps
Resistive, 50K cycles, 40C	24VDC	1A
Resistive, 50K cycles, 40C	125VAC	1A
Resistive, 50K cycles, 40C	30VDC	2A

CHARACTERISTICS

Insulation Resistance	1,000 MΩ min. at 500 VDC
Dielectric Strength	500 VAC, 50 Hz, between contactS 1000 VAC, 50 Hz, between coil & contacts
Surge Withstand Voltage FCC part 68	1500 V, between open contacts 1500 V, between coil and contacts 1500 V, between contacts poles
Power Consumption	.20 W
Terminal Strength	5N
Solderability	260°C 5 s ± 0.5 s
Operating Temperature	-40°C to 85°C
Storage Temperature	-40°C to 155°C
Shock Resistance	100 m/s ² 11 ms
Vibration Resistance	10 Hz - 40 Hz double amplitude 1.5mm
Weight	4.5g

CONTACT DATA

Maximum Switching Power	24 W 125 VA
Maximum Switching Voltage	48VDC, 250VAC
Maximum Switching Current	3A
Material	AgNi+Au (Clad)
Initial Contact Resistance	50 mΩ max.
Service Life	Mechanical 1 x 10 ⁷ operations
	Electrical 1 x 10 ⁵ operations

ORDERING INFORMATION

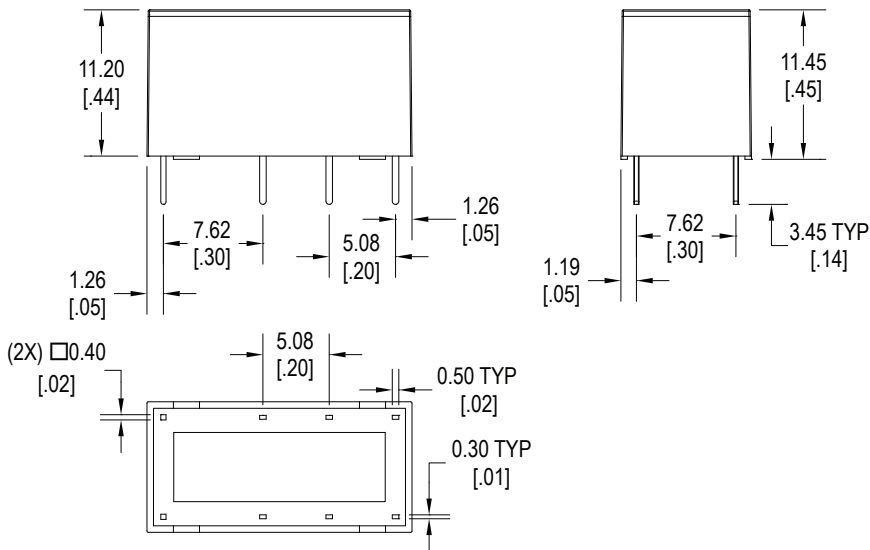
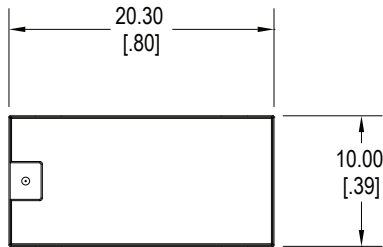
Example	PC322	-12	H	-X
Model:	PC322			
Coil Voltage:	5 12 24			
Contact Material:	Nil = AgNi + Au			
Coil Sensitivity:	H = .20W			
RoHS Compliant:	Nil = RoHS Compliant			

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 applicaiton. 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.

COIL DATA

Coil Voltage		Resistance (Ohms ± 10%)	Pick Up Voltage Max. VDC	Release Voltage Min. VDC	Coil Power W	Operate Time ms	Release Time ms
Rated	Maximum						
5	6.5	125	3.50	.5	.20	4.5	1.5
12	15.6	720	8.40	1.2			
24	31.2	2880	18.00	2.4			

DIMENSIONS mm (inches)



SCHEMATICS & PC LAYOUT Bottom Views

