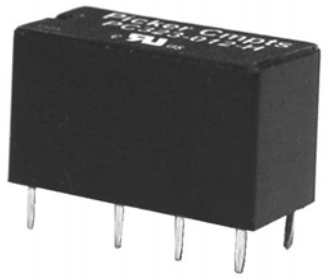
Subminiature PCB Telecom Relay With Bifurcated Contacts **PC323**



FEATURES

- Subminiature design
- DIL Package for PC board or socket
- Contact capacity from 1 mA to 2 A
- Meets FCC part 68 voltage surge
- Class "B" insulation standard
- Three coil sensitivities available
- Bifurcated crossbar contacts
- Sealed Immersion Cleanable

c UL us File # E86876

CONTACT RATINGS

Contact Form	**2 Form C DPDT (crossbar contacts)**
Switching Current Range	1 mA to 2 A
Switching Voltage Range	10 mVAC - 250VAC; 10 mVDC - 220 VDC
Max. Continuous Current	2 Amps
Switching Power Range	10 micro W to 30 W / 62.5 VA
UL Rated Loads	1A / 24 VDC 0.5A / 125 VAC

CONTACT DATA

Material		AgNi + Au (Silver Nickle + Gold Clad) AgPd + Au (Silver Palladium + Gold Clad)
Initial Contact Resistance		50 mOhm max @ 1mA, 20mV, 1KHz, meets DIN 4160 part 4
Service Life	**Electrical**	1 X 10^5 Operations
	Mechanical	1 X 10^8 Operations

COIL DATA

Type	Coil Voltage	Resistance Ohms ± 10%	Must Operate Voltage Max. (VDC)	Allowable Operating Voltage Range	Hold Voltage	Must Release Voltage
Standard 0.45 W	3	20	2.1	2.1 - 7.0	1.0	0.3
	5	56	3.3	3.3 -7.7	1.25	0.5
	6	80	4.0	4.0 - 9.2	1.5	0.6
	12	320	8.0	8.0 - 18.3	3	1.2
	24	1280	15.9	15.9 - 36.7	6	2.4
	-	-	-	-	-	-
H* Sensitive 0.2 W	5	125	3.5	3.5 - 10.8	1.25	0.5
	6	180	4.2	4.2 - 13.0	1.5	0.6
	9	405	6.3	6.3 - 19.5	6.75	0.9
	12	720	8.4	8.4 - 26.5	9	1.2
	24	2880	16.8	16.8 - 52.9	18	2.4
	48*	7680*	33.6	33.6 - 103.9	38	4.8
L Sensitive 0.15 W	3	60	2.1	2.1 - 7.5	1.125	0.15
	5	167	3.5	3.5 - 12.5	1.25	0.25
	6	240	4.2	4.2 - 15.0	1.5	0.3
	12	960	8.4	8.4 - 30.0	3	0.6
	24	3840	16.8	16.8 - 52.9	6	2.4

ORDERING INFORMATION

Example:	PC323	-12	P	H	-X

Model

Coil Voltage

Contact Material

Nil: AgNi + Au; P: AgPd + Au

Sensitivity

Nil: Standard .450 W; H: 0.2 W; L: 0.15 W

RoHS Compliant

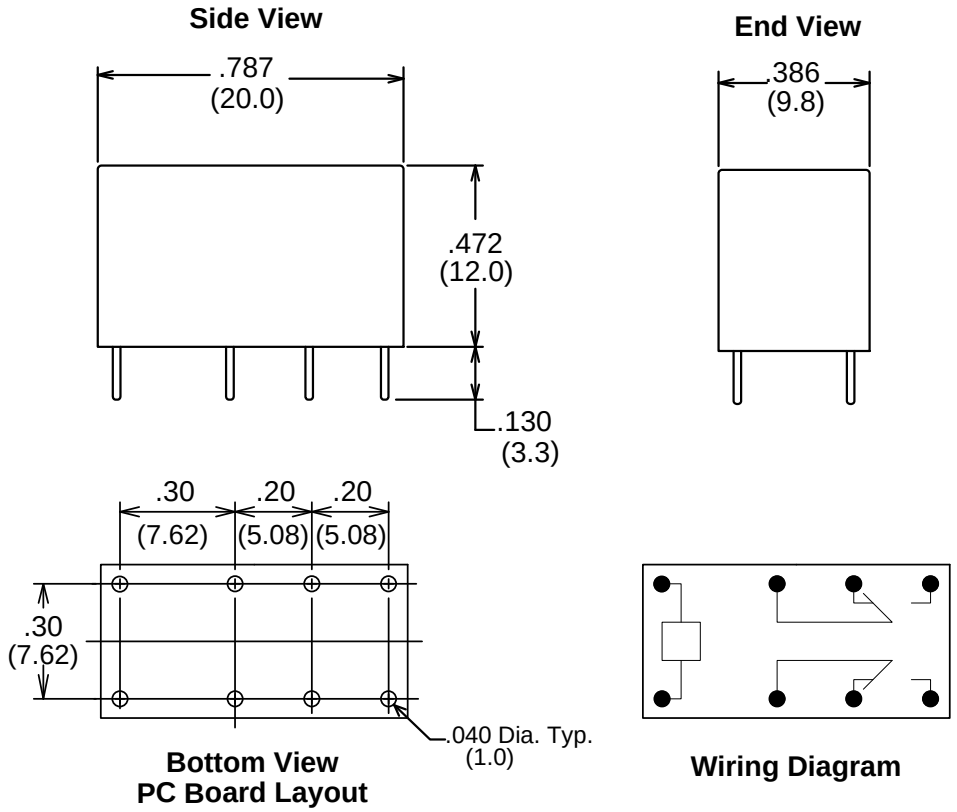
Nil: Not Rohs, -X: RoHS Compliant

3220 Commander Drive, Suite 102, Carrollton, Texas 75006
Sales: (888)997-3933 Fax: (818) 342-5296 email: sales@pickercomponents.com URL: pickercomponents.com

CHARACTERISTICS

Type	Standard	Sensitive H & L
Operate Time	5 ms. max.	5 ms. max.
Operate Bounce	1 ms. typical	0.5 ms. typical
Release Time	3 ms. max.	5 ms. max.
Release Bounce	2.5 ms. typical	3 ms. typical
Insulation Resistance	1000 Megohms min. at 500 VDC, 50% RH	
Dielectric Strength	1500 V rms, 1 min. between coil and contacts and between adjacent parts 1000 V rms, 1 min. between open contacts	
Surge Strength	1500 V, between coil and contacts (FCC Part 68)	
Capacitance	0.7 pf max. between contacts; 0.9 pf max. between adjacent poles; 1.0 pf max. between coil and contacts	
Shock Resistance	50 g, 11 ms.	
Vibration Resistance	10 g, 10 - 70 Hz	
Allowable Max. Power Consumption at 20 C	1.02 W	
Ambient Temperature	-40 degrees C to 90 degrees C (-40 degrees C to 80 degreec C for 0.3 w coil)	
Power Consumption	0.45 W	0.15 to 0.3 W
Weight	4.5 grams approx.	

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



Notes:

Tolerances ± .010 unless otherwise noted

3220 Commander Drive, Suite 102, Carrollton, Texas 75006
Sales: (888)997-3933 Fax: (818) 342-5296 email: sales@pickercomponents.com URL: pickercomponents.com