

HJR4102E Series

Sub-miniature PCB Relay - 1PDT (1 C/O)

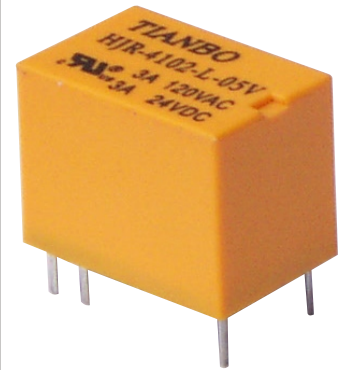
A small sized low cost general purpose relay with a PCB pin layout DIP compatible. Suitable for low load applications. Sealed construction for wash proofing.

CONTACT DATA

Contact Form	1A/1C	
Contact Material	Ag+Au	
Contact Ratings	1A 120VAC/24VDC	3A 120VAC/24VDC
Max Switching Voltage	240VAC/60VDC	
Max Switching Current	3A	
Max Switching Power	240VA/90W	
Contact Resistance	100mΩMax	at 6VDC 1A
Life Expectancy Electrical	100,000	Operations @ 30/min
Machanical	10,000,000	Operations

General Specifications

Insulation Resistance	100MΩMin at 500VDC	
Dielectric Strength Between Open Contacts	500VAC(for one minute)	
Between Contacts and coil	1000VAC(for one minute)	
Operate Time	5ms	
Release Time	5ms	
Temperature Range	-25□to+55□	
Shock Resistance	Operating Extremes	10G
	Damage Limits	50G
Vibration Resistance	10-55Hz,1.5mm	
Humidity	40-85%	
Weight	Approx 3.5g	
Safety Standard	UL E173485	

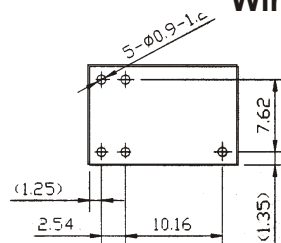
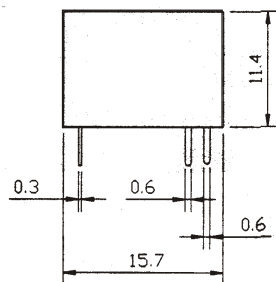
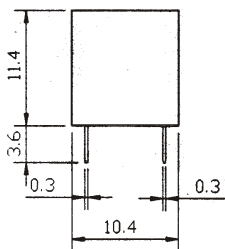


Package Size
10.4H x 15.7L x 11.4W

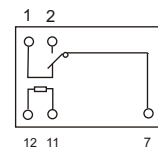
COIL DATA

Nominal Voltage (VDC)	Coil Resistance at 20±10%(Ω)			Max Operate Voltage VDC	Min Release Voltage VDC	Max Applicable Voltage VDC
	0.2W	0.36W	0.45W			
3	45	25	20	2.25	0.3	3.9
5	125	70	56	3.75	0.5	6.5
6	180	100	80	4.5	0.6	7.8
9	405	220	180	6.75	0.9	11.7
12	720	400	320	9	1.2	15.6
24	2800	1600	1280	18	2.4	31.2

Dimensions:



Wiring Diagram - PCB Layout



ORDERING CODE:
HJR4102E-x-XXDC-S

Coil Voltage
D = 0.45W Coil Power
E = 0.36W
L = 0.22W



Koloona Industries Pty Ltd

Unit 2/17 Pembury Rd, MINTO NSW 2566

Ph: 02 9820 5233 Fax: 02 9820 5244 E-Mail: sales@koloona.com.au