HJQ-22F

SPECIFICATION
FILE NUMBER: P-08KD401A
DATE: 2001/11/02



■ Features

4 pole configurations
Au-clad contact available

■ CONTACT DATA

Contact Form	4C/2C	
Contact Material	AgCdO	
Contact Ratings	5A 240VAC/30VDC	
Max Switching Voltage	250VAC/30VDC	
Max Switching Current	5A	
Max Switching Power	1750VA/210W	
Contact Resistance	100m Ω Max	at 6VDC 1A
Life Expectancy Electrical	100,000	Operations(at30Operations/minute)
Machanical	10,000,000	Operations

■ GENERAL DATA

Insulation Resistance		100MΩ Min at 500VDC
Dielectric Strength Between Open Contacts		1000VAC(for one minute)
Between Contacts and coil		1500VAC(for one minute)
Operate Time		25ms
Release Time		25ms
Temperature Range		-40°C to+70 °C
Shock Resistance	Operating Extremes	20G
	Damage Limits	100G
Vibration Resistance		10-55Hz,1.5mm
Humidity		40-85%
Weight		Approx 35g
Safety Standard		CSA:203664 UL:E209198

■ COIL DATA(4Z)

NominalVoltage		Coil Resistance at20±10%(Ω)		Max Operate Voltage		Min ReleaseVoltage		Max ApplicableVoltage	
5-110VDC	6-240VAC	VDC 0.9W	VAC 1.2VA	VDC	VAC	VDC	VAC	VDC	VAC
5	6	27.5	11.5	3.75	4.8	0.5	0.6	6.5	7.8
6	12	40	46	4.5	9.6	0.6	1.2	7.8	15.6
12	24	160	184	9	19.2	1.2	2.4	15.6	31.2
24	48	650	735	18	38.4	2.4	4.8	31.2	62.4
48	110	2600	4550±15%	36	88	4.8	11	62.4	143
110	120	11000	4550±15%	82.5	96	11	12	143	156
	220/240		14400±15%		176		24		286/312

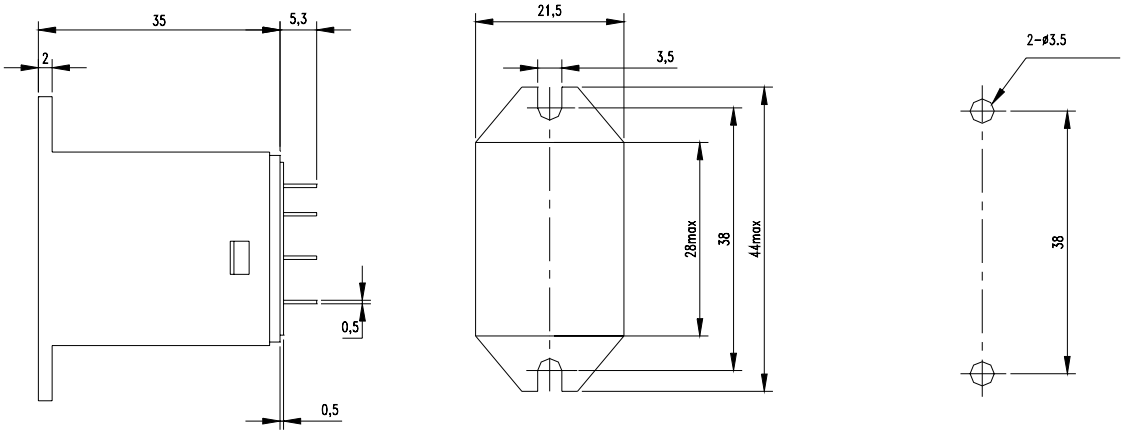
■ ORDERING CODE

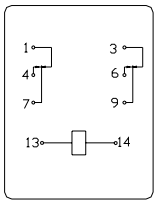
HJQ-22F-12VDC-4Z(P)---1---F--D

- HJQ-22F: Relay Model
- 12VDC: Coil Nominal Voltage
- 4Z: 2Z Form 2C, 4Z Form 4C
- (P): P: PCB Type, Nil: B Type
- 1: Bifurcated moving spring
- F: With Flange for 38mm pitch hole
- D: With LED

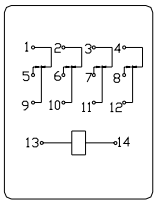
■ OVERALL AND MOUNTING DIMENSIONS

MOUNTING COVER

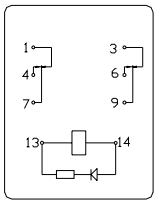




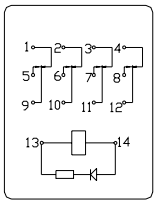
2C Terminal Arrangement/
Internal Connections
(Bottom view)



4C Terinal Arrangement/
Internal Connections
(Bottom view)

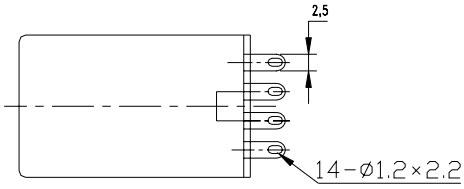


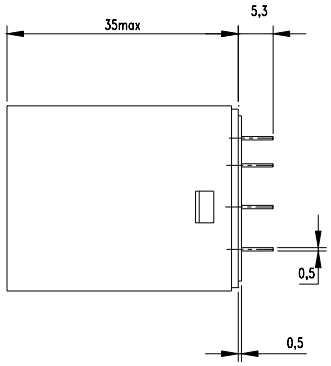
2CD



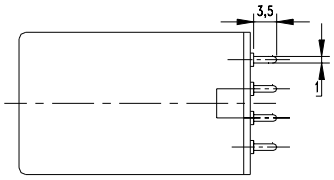
4CD

B Type Terminals

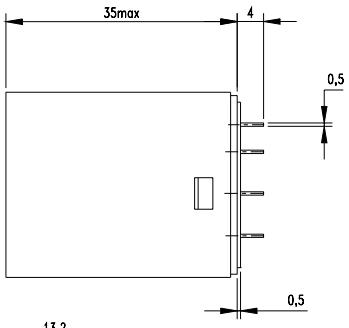


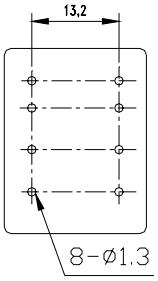


P Type Terminals

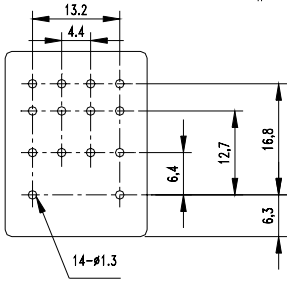


P Type PCB Mounting

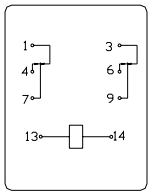




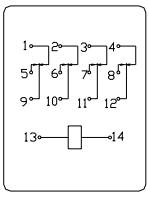
2C



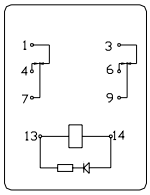
4C



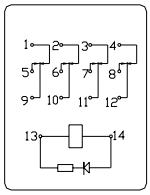
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(Bottom view)



4C Terminal Arrangement/
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(Bottom view)



2CD



4CD