

NINGBO TIANBO GANGLIAN ELECTRONICS CO., LTD

HJQ-22F

SPECIFICATION

FILE NUMBER: T810S-G004A

DATE: 2004/06/25

■ CONTACT DATA

Contact Form	4C/2C		
Contact Material	Silver Alloy		
Contact Ratings	5A 240VAC/28VDC		
Max Switching Voltage	250VAC/30VDC		
Max Switching Current	7A		
Max Switching Power	1750VA/210W		
Contact Resistance	100m Ω Max	at 6VDC 1A	
Life Expectancy Electrical	100,000	Operations(at30Operations/minute)	
Mechanical	10,000,000	Operations	

■ GENERAL DATA

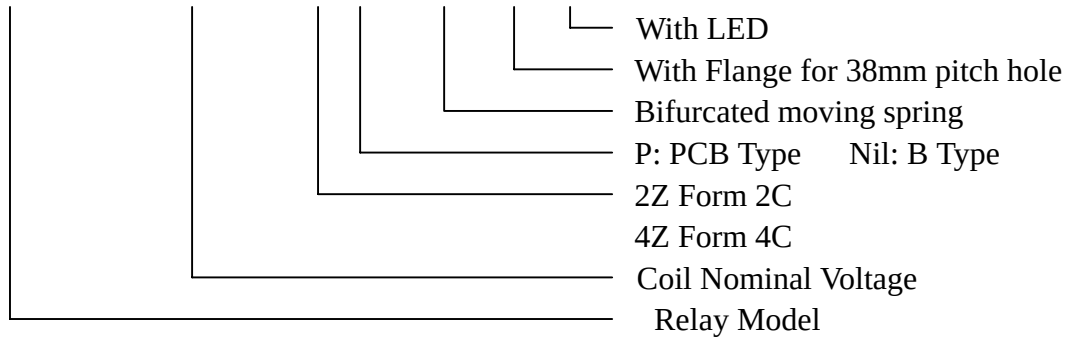
Insulation Resistance		100M Ω Min at 500VDC	
Dielectric Strength Between Open Contacts		1000VAC(for one minute)	
Between Contacts and coil		1500VAC(for one minute)	
Operate Time		25ms	
Release Time		25ms	
Temperature Range		-40℃to+70℃	
Shock Resistance	Operating Extremes	20G	
	Damage Limits	100G	
Vibration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

■ COIL DATA(4Z)

NominalVoltage		Coil Resistance at20℃ $\pm$ 10%(Ω)		Max Operate Voltage		Min ReleaseVoltage		Max ApplicableVoltage	
5-110VDC	6-240VAC	VDC	VAC	VDC	VAC	VDC	VAC	VDC	VAC
		0.9W	1.2VA						
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	2560	4550 $\pm$ 15%	36	88	4.8	11	62.4	143
110	120	13450	4550 $\pm$ 15%	82.5	96	11	12	143	156
	220/240		14400 $\pm$ 15%		176		24		286/312

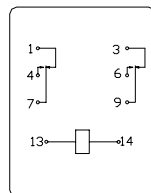
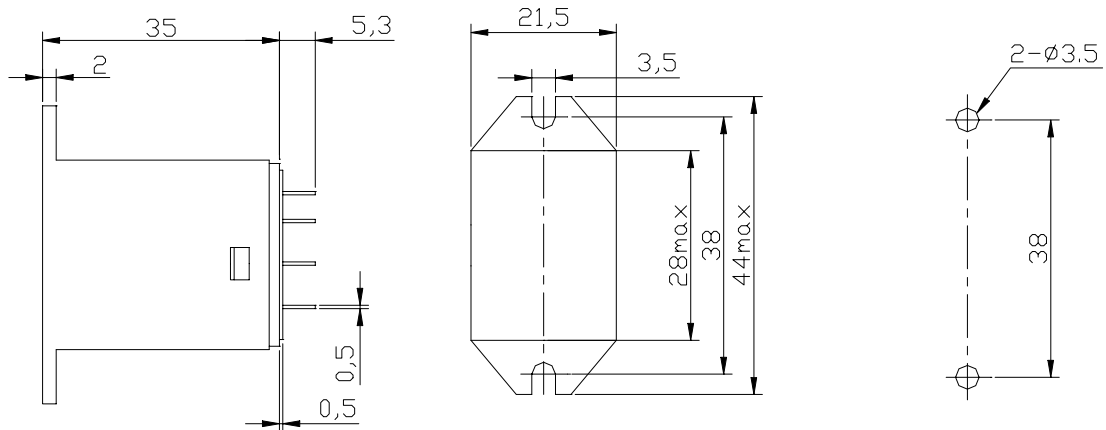
■ ORDERING CODE

HJQ-22F—12VDC—4Z(P)—1—F—D

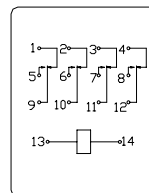


■ OVERALL AND MOUNTING DIMENSIONS

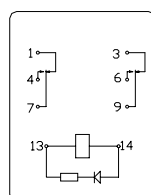
(F)



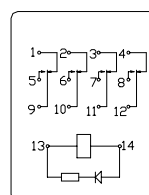
2C 接线图



4C 接线图

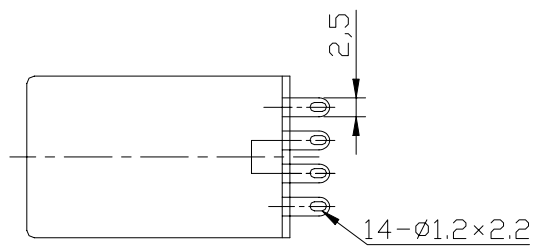


2CD

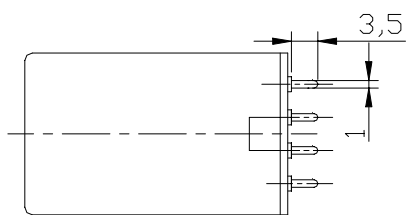


4CD

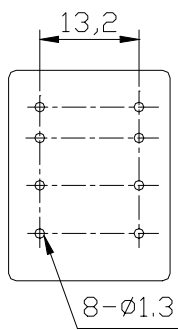
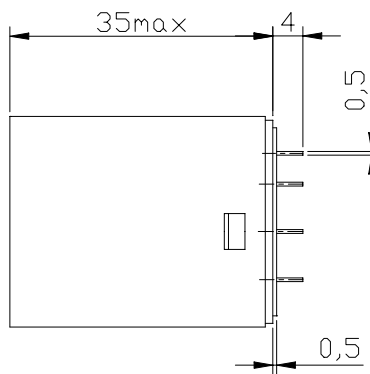
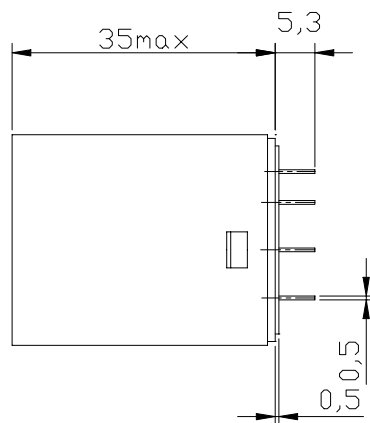
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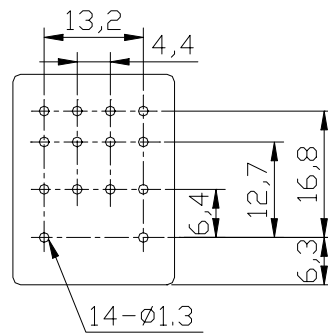
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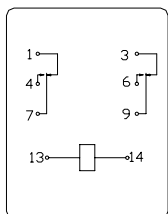
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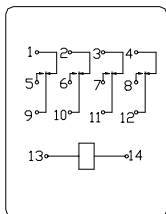
2C



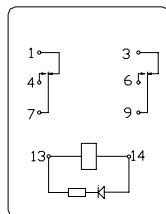
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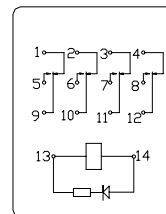
2C接线图



4C接线图



2CD



4CD

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■ CONTACT DATA

Contact Form	3C		
Contact Material	Silver Alloy		
Contact Ratings	7A 240VAC/28VDC		
Max Switching Voltage	250VAC/30VDC		
Max Switching Current	8A		
Max Switching Power	1750VA/210W	2000VA/240W	
Contact Resistance	100mΩ Max	at 6VDC 1A	
Life Expectancy Electrical	100,000	Operations(at30Operations/minute)	
Mechanical	10,000,000	Operations	

■ GENERAL DATA

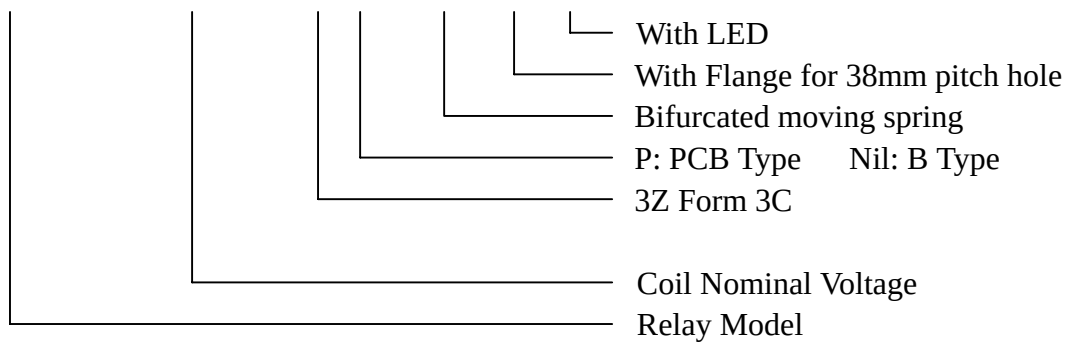
Insulation Resistance		100MΩ Min at 500VDC	
Dielectric Strength Between Open Contacts		1000VAC(for one minute)	
Between Contacts and coil		1500VAC(for one minute)	
Operate Time		25ms	
Release Time		25ms	
Temperature Range		-40℃ to +70℃	
Shock Resistance	Operating Extremes	20G	
	Damage Limits	100G	
Vibration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

■ COIL DATA(4Z)

Nominal Voltage		Coil Resistance at 20℃ ± 10% (Ω)		Max Operate Voltage		Min Release Voltage		Max Applicable Voltage	
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
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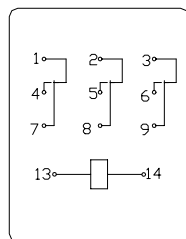
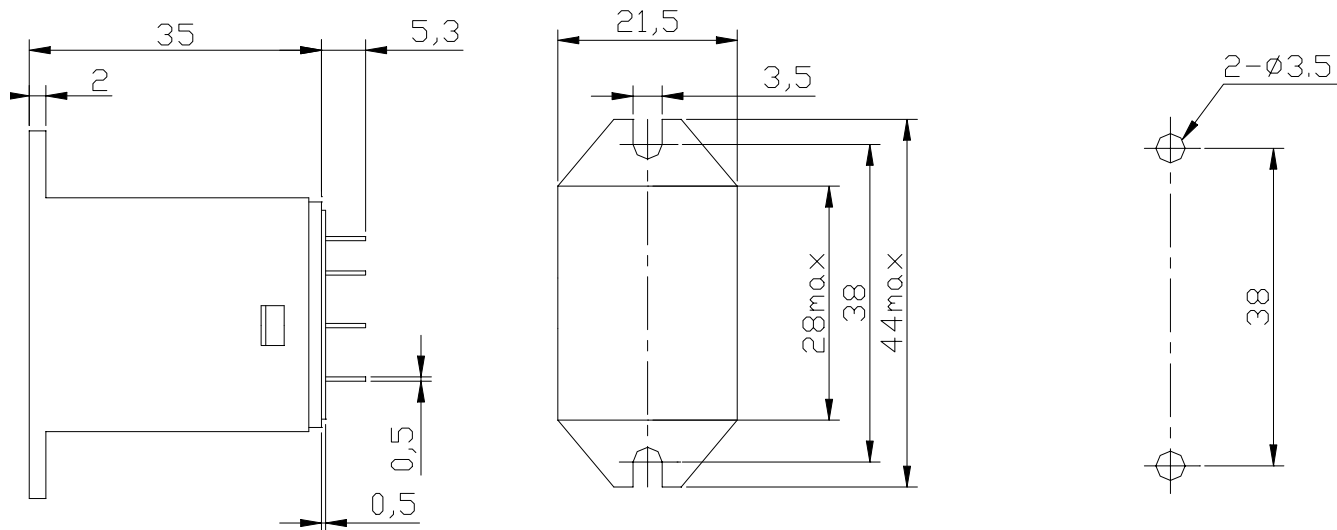
■ORDERING CODE

HJQ-22F—12VDC—3Z(P)—1—F—D

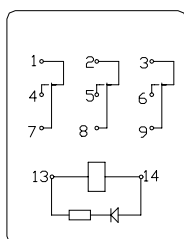


■OVERALL AND MOUNTING DIMENSIONS

(F)

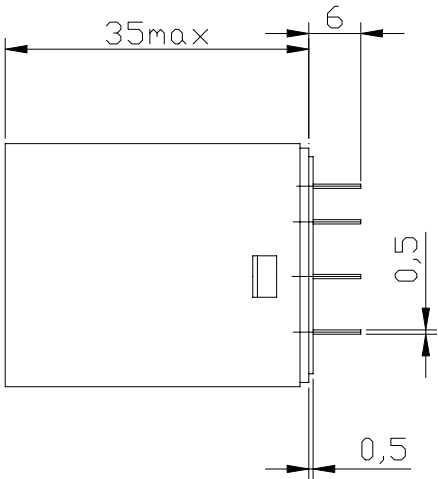
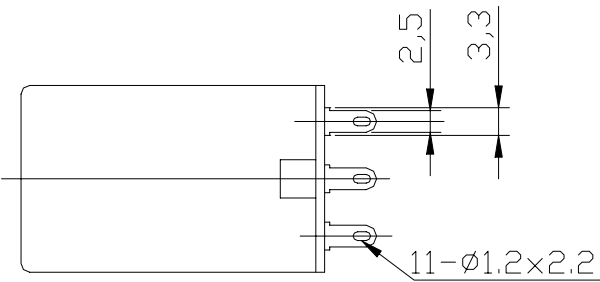


3C 接线图

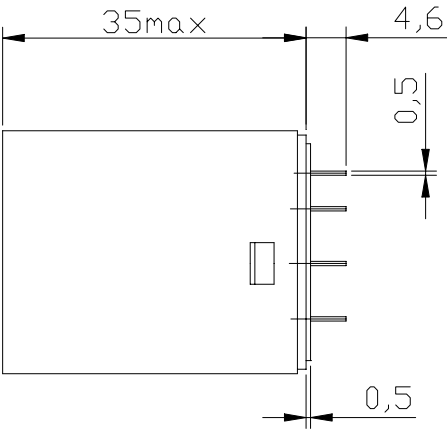
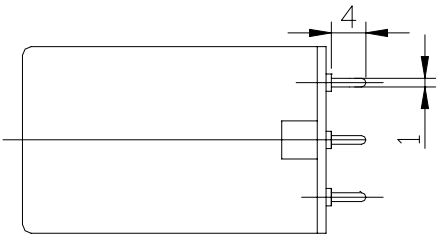


3CD

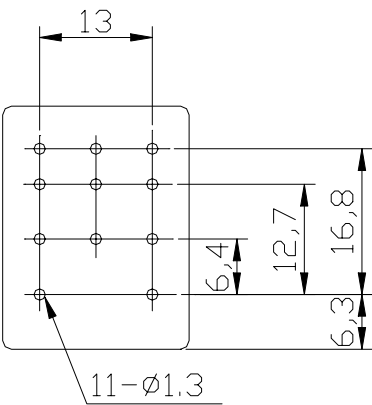
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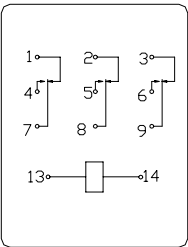
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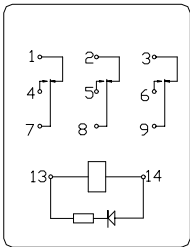
P PCB Mounting



3C



3C接线图



3CD