



HJR-21FF

SPECIFICATION

FILE NUMBER: P-08KA601A

DATE: 2001/11/02



■ Features

10A switching capability

SPST-NO configuration

Small footprint

Sealed version available

■ CONTACT DATA

Contact Form	1A/1C	
Contact Material	AgCdO	AgSnO
Contact Ratings	1A:12A 240VAC 15A 12VDC(TUV) 15A 120VAC/24VDC	1C:10A 240VAC/12A 120VAC/240VDC 7A 240VAC(TUV)
Max Switching Voltage	250VAC/30VDC	
Max Switching Current	15A	
Max Switching Power	2770VA/240W	
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		750VAC(for one minute)
Between Contacts and coil		1500VAC(for one minute)
Operate Time		10ms
Release Time		5ms
Temperature Range		-40°C to+70 °C
Shock Resistance	Operating Extremes	10G
	Damage Limits	100G
Vibration Resistance		10-55Hz,1.5mm
Humidity		40-85%
Weight		Approx 13g
Safety Standard		TUV R9859574 UL:E173485, CH0062182-2001

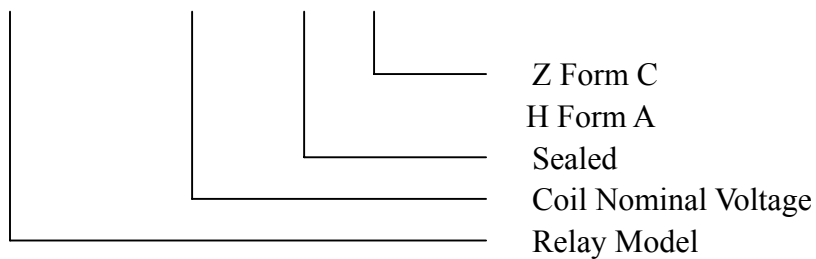


■ COIL DATA

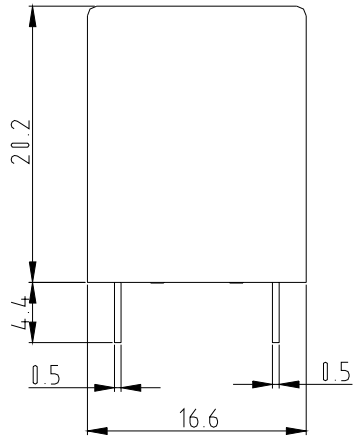
Nominal Voltage (VDC)	Coil Resistance at 20±10%(Ω)		Max Operate Voltage VDC	Min Release Voltage VDC	Max Applicable Voltage VDC
	0.36W	0.45W			
3	25		2.25	0.3	3.9
5	70		3.75	0.5	6.5
6	100		4.5	0.6	7.8
9	225		6.75	0.9	11.7
12	400		9	1.2	15.6
24	1600		18	2.4	31.2
48	6400±15%	5100±15%	36	4.8	62.4

■ ORDERING CODE

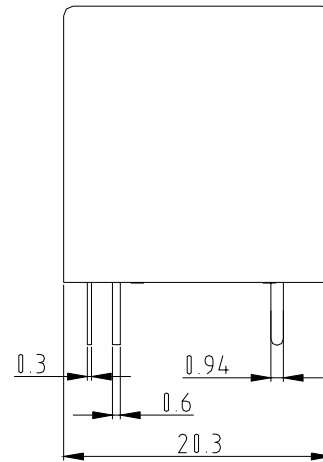
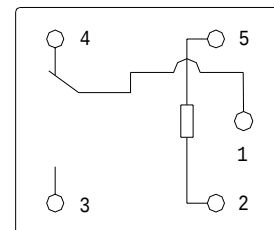
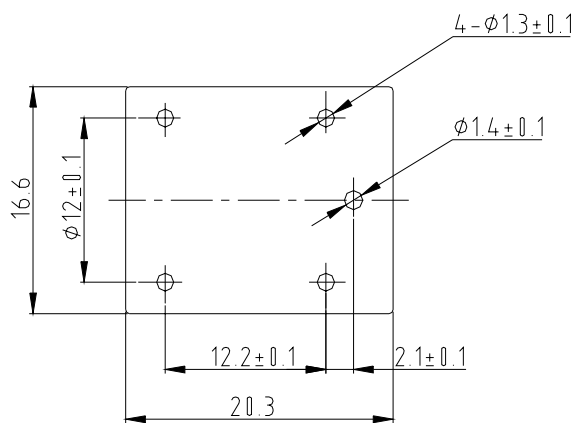
HJR-21FF---12VDC--S--H



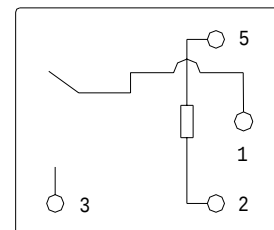
OVERALL AND MOUNTING DIMENSIONS



Dimensions


Terminal Arrangement/
Internal Connections
(Bottom view)


Form C



Form A