

HRW-1



Feature

1. **Low profile size: 20(L)x16(W)x20(H)mm**
2. **Switching Capacity: 15A/125VAC 10A 28VDC/250VAC**
3. **Low cost type**

Typical applications

- ◆Automotive ◆HVAC ◆Home Appliances
- ◆Power system ◆Industrial control ◆UPS

Reference cross: JQC-21F 812H SRUDH SRU HM810

Specifications

◆ Contact Ratings

Number of poles	1 Pole		
Arrangement	1 Form A, 1 Form B ,1 Form C		
Initial contact resistance, max.(by voltage drop 6VDC/1A)	50m Ω		
Contact material	Silver alloy		
Rating (resistive load)	Nominal switching capacity	10A 250VAC 15A 125VAC	10A 28VDC TV-5 120VAC
	Max. switching power	2500VA	
	Max. switching voltage	250VAC	
	Max. switching current	15A	
Expected life (min.operations)	Mechanical (at 300cpm)	1 × 10 ⁷	
	Electrical (resistive load)	1 × 10 ⁵	

◆ Coil data(Special coil power available)

1、 Standard				
Rated voltage (VDC)	5	9	12	24
Rated current (mA)	72	40	30	15
Coil resistance (Ω) ± 10%	69	225	400	1600
Must operate voltage	75% max. of rated voltage			
Must release voltage	5% min. of rated voltage			
Max voltage	130% of rated voltage			
Power consumption	0.36W	0.36W	0.36W	0.36W

◆ Characteristics

Item	1 pole	
Initial insulation resistance	Min.100 M Ω (at 500VDC)	
Dielectric strength	Between open contacts	750VAC 1 Min.
	Between coil and contacts	1500VAC 1 Min.
Operate time (at nominal voltage)	10ms	
Release time (at nominal voltage)	5ms	
Temperature rise (at nominal voltage)	40K max. (at 20°C)	
Shock resistance	Functional	100 m/ S ²
	Destructive	1000 m/ S ²
Vibration resistance	Functional	10 to 55Hz, at double amplitude 1.5mm
	Destructive	

Ambient temperature	-40°C ~ +85°C
Humidity	45% to 85% RH
Termination	PCB
Unit weight	Approx. 10g

Ordering information

HRW — X — 1 X X X

1 2 3 4 5

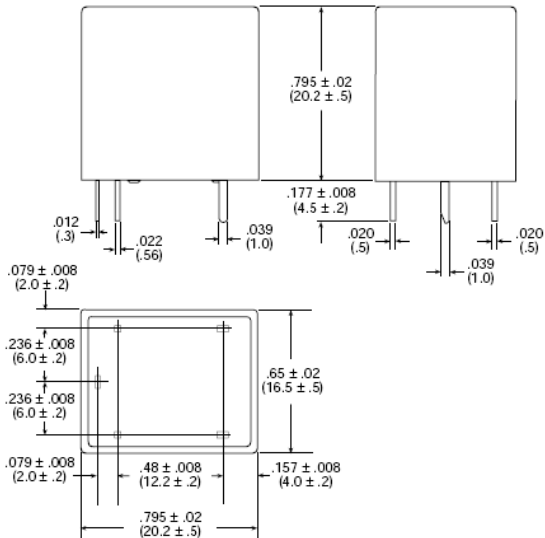
- 1. Product type: HRW**
- 2. Enclosure**
 SS—Sealed plastic case Blank—Vented plastic case
- 3. Coil Voltage**
 05—5VDC 09—9VDC 12—12VDC 24—24VDC
- 4. Contact arrangement**
 L—1 Form C LM—1 Form A LB—1 Form B
- 5. Special Code: 1**

Note: Any special requests, please contact us.

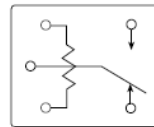
Outline Dimensions, PCB Layout and Wiring Diagram

(Dimensions are in millimeters , to convert millimeters to inches divide by 25.4)

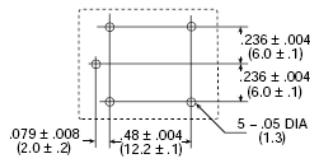
Outline Dimensions



Wiring Diagram (Bottom View)



PC Board Layout (Bottom View)



Note: Only necessary terminals are present on 1 Form A (SPST-NO) models.