



Part No.

HRA7

Automotive Relay

Features:

- ⇒ Size :20.4×15.1× 22.0(mm)
- ⇒ QC terminals
- ⇒ 1 Form A,1 Form C



Ordering Information

HRA7 - S - DC12V - A - R

① ② ③ ④ ⑤

⑤ Parallel coil components

R: With Resistor

D: With Diode

Nil :Standard

- ① Part No.
- ② S :Plastic sealed Nil:Dust Cover
- ③ Coil Voltage :
DC 12, 24V
- ④ Contact form:
A : 1 Form A ,C :1 Form C

Specification:

Contact		Characteristics	
Contact Form	1 Form A,1 Form C	Insulation resistance	Min 100MΩ(500VDC)
Contact Material	Ag Alloy	Dielectric Strength	Between contact 550VAC 1min
Contact Resistance	100 mΩ(6VDC 1A)	Strength	Between coil &contact 550VAC 1min
Contact Rating(Resistance Load)		Operate time	≤ 5ms
	NO:35A ,NC: 25A (23 °C)	Release time	≤ 10ms
	NO:30A ,NC: 20A (85 °C)	Shock Endurance	100 m/s ²
Lamp: make inrush peak 150 A, break 30A		Resistance Damage	1000 m/s ²
Max Switching Voltage	16VDC	Vibration Resistance	10-55 HZ 1.5mm DA
Max Switching Current		Humidity	35%-85% RH
Electrical Life	100,000 ops	Ambient Temperature	-40 °C to 125°C
Mechanical Life	1,000,000 ops	Weight	Approx. 20.0g

Noted :the data are initial value

Coil Data:

at 23°C

1.2 W

Nominal Voltage VDC	Operate Voltage Max VDC	Release Voltage Min VDC	Max Voltage VDC	Coil Resistance Ω +/- 10%
12	8.00	1.00	20.00	124

Dimension(mm)

Tolerance ± 0.2

