

■ Features

- 70A switching capability
- 1 form A、1 form C、contact form
- plastic sealed and dust protected tupes available
- Outline dimensions: 25.0X27.4X28.4

Specification

Contact Form	1A, 1C
Contact Material	AgSno2
Max,Operating Current	70A
Max.Operating Voltage	27VDC
Rated Load（Resistive load）	70A 13.5VDC 40A 27VDC
Insulation Resistance	100MΩ
Dielectric Strength（Coil and Contact）	500VAC/M
Ambient Temperature	-40℃~+85℃
Operate/Release Time	10ms/10ms
（min）Mechanical Llife	1 $X10^6$
（min）Electrical Life	1 $X10^5$
Terminal Type	Terminal

Coil Ratings

	Normal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Coil resistace (Q±10%)	Parallel resistance (Q±5%)	Equivalent resistance (Q±10%)	Power consumption (W)	Max.allowable overdrive voltage[1]) (VDC)	
								20 ℃	85 ℃
Standard	12	8.4	1.2	90	-	-	1.6	20.2	15.7
	12	8.4	1.2	80	680	79.5	1.8	20.2	15.7
	24	16.8	2.4	360	-	-	1.6	40.5	31.5
	24	16.8	2.4	320	2700	317.6	1.8	40.5	31.5

ORDERING GUIDE

HSRS **12** **A** **1** **G** **R** **xx**

Relay Type

Coil Voltage: 112：12VDC 124: 24VDC

Contact Form .**A**：1 form normal open **C**：1 form changeover

Shell Type: **1**:smooth shell 3: Metal bracket

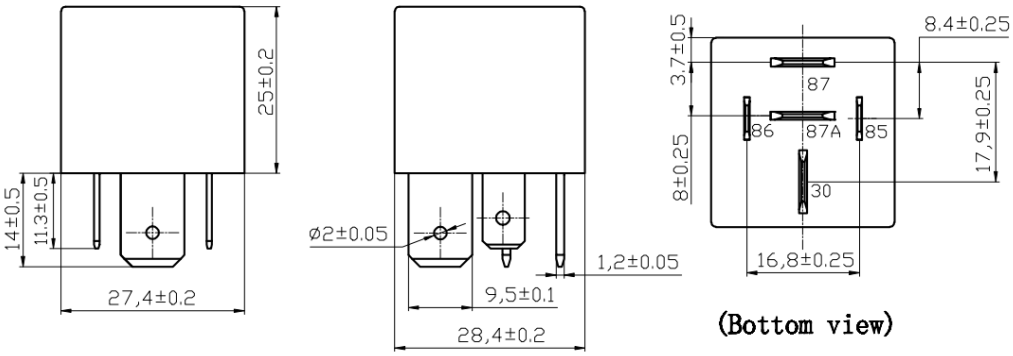
Contact Material: : AgSno2

R Parallel Resistor （680Ω 12V） （2700Ω 24V）

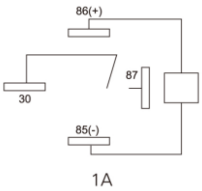
Coil Parallel Components：**D1** Parallel Diode, positive pole connect with 86 pin
D2 Parallel Diode, positive pole connect with 85 pin
N :No Parallel Components

Customer Request：XXXXXXX

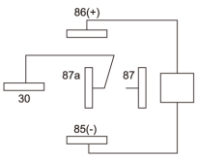
EXTERNAL DIMENSIONS



Remark: (1) In case of no tolerance shown in outline dimension: outline dimension≤1mm, tolerance should be ±0.2mm; Outline dimension＞1mm and≤5mm, tolerance should be ±0.3mm; outline dimension＞5mm, tolerance should be ±0.4mm.



1A



1C