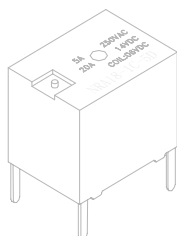
 <p>Industrial &amp; Electrical Components</p>	<h1>Automotive Relay</h1>	<p>Part No.</p> <h1>NRP18</h1>
---	-------------------------------	--------------------------------



20A Switching capabilities  
 Subminiature,stand PC layout  
 Hight resistance to vibration  
 Low power consumption 0.6W only.

### CONTACT

Arrangement	1A/1B/1C
Contact Material	Silver Alloy
Contact Resistance	
(By voltage drop 6V 1A)	Max. 100mΩ
Rating	5A 250VAC
Resistive load	7A 125VAC
(Cos.Φ=1)	20A 14VDC
Motor Inrush	25A 14VDC
Max. Allowable Voltage	16VDC 250VAC
Max. Allowable Current	25A
Max. Allowable Power	400W 840VA
Service life	
Electrical	1 X 10 <sup>5</sup>
Machanical	1 X 10 <sup>6</sup>

### CHARACTERISTICS

Operate Time	10ms
Release Time	5ms
Initial breakdown voltage	
Between coil & contact	500VAC for 1 Min.
Between open contacts	500VAC for 1 Min.
Insulation Resistance	Min.100MΩ (500 VDC)
Ambient temperature	-40 ~+85
Humidity	35~85%
Shock	Functional 10G
Resistance	Destruction 100G
Vibration	Functional 10 to 55 Hz D.A. of 2mm
Resistance	Destruction 10 to 55 Hz D.A. of 2mm
Unit weight	6g Max.

### ORDERING INFORMATION

e.g

**NRP - 18 - C - 12D - S - H**

Series: NCR Pcb Relay Series

Part No.

Contact Form: C=1C/O; A = N/O; B= N/C

Coil Voltage: 3, 4.5, 5, 6, 9, 12, 24 dc

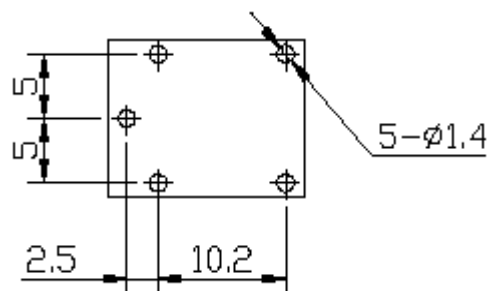
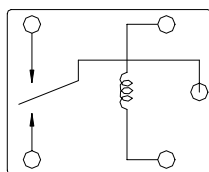
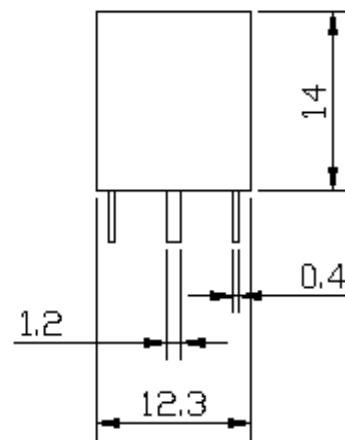
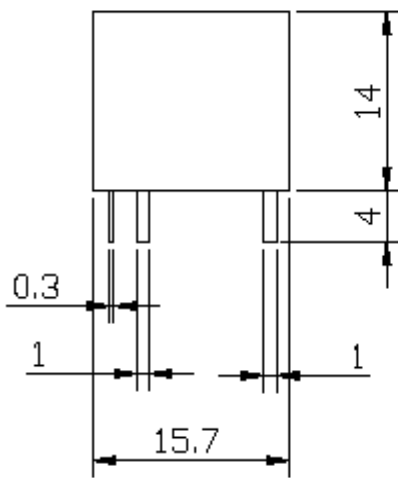
S= Sealed type

Coil power : Nil = 0.8W, H =0.6W

**COIL DATA (at 20 °C)**

Nominal Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Voltage VDC(Min)	Coil Resistance ( $\Omega$ ) $\pm$ 10%		Max.Allowable Voltage
			0.6W	0.8W	
6	3.90	0.48	60	45	130% apply to nominal Voltage
9	5.85	0.72	135	100	
12	7.80	0.96	240	180	
24	15.6	1.92	960	720	

**DIMENSIONS (Unit: mm)**



Industrial & Electrical Components