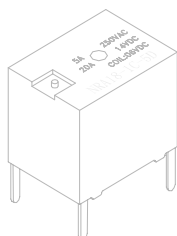


 <p>Industrial & Electrical Components</p>	<h1>Automotive Relay</h1>	<p>Part No.</p> <h1>NRP18</h1>
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20A Switching capabilities
 Subminiature, stand PC layout
 High resistance to vibration
 Low power consumption 0.6W only.

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 ⁵
Machanical	1 X 10 ⁶

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

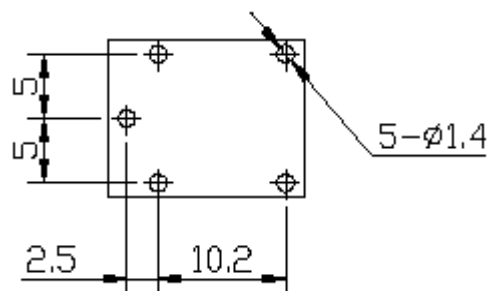
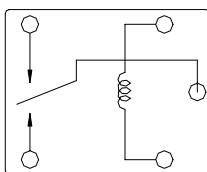
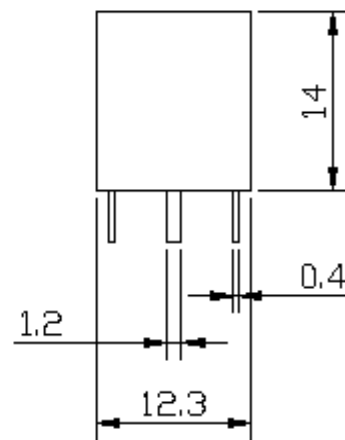
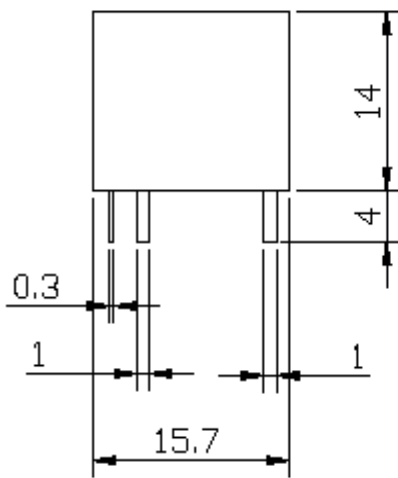
S= Sealed type

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 (Ω) $\pm 10\%$		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