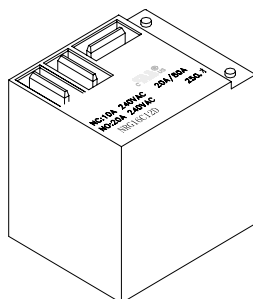


 Industrial & Electrical Components	<h1>Miniature P.C.B Relay</h1>	Part No. <h1>NRP-16</h1>
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- High switching capacity - 30A for 1 Form A
- Fasten connection pins
- Sealed type available
- UL/C-UL recognized

CONTACT

Arrangement	1A / 1B / 1C
Contact Material	Silver Alloy
Contact Resistive	≤ 100 mΩ
Rating	1A: 30A 240VAC/28VDC
Resistive load (cosφ=1)	1B: 20A 240VAC/28VDC 1C: 20A 240VAC/28VDC
Max. Switching Voltage	250VAC 30VDC
Max. Switching Current	30A
Max. Switching Power	6000VA / 560W
Expected life	
Mechanical	1×10 ⁶ Min
Electrical	1×10 ⁵ Min.

CHARACTERISTICS

Operate Time	15ms. Max.
Release Time	10ms. Max.
Initial breakdown voltage	
Between Coil & Contact	2200VAC (50/60Hz)for 1 min.
Between Open Contacts	1500VAC (50/60Hz)for 1 min.
Insulation Resistance	Min.100MΩ (500 VDC)
Shock: Endurance	10G
Damage	100G
Vibration: Endurance	10 to 55 Hz ,1.5mm D.A.
Damage	10 to 55 Hz ,1.5mm D.A.
Humidity	40%~85%RH
Ambient temperature	-40 to +70°C
Unit weight	≤ 36g

ORDERING INFORMATION

e.g

NRP - 16 - C - 12D

① ② ③ ④

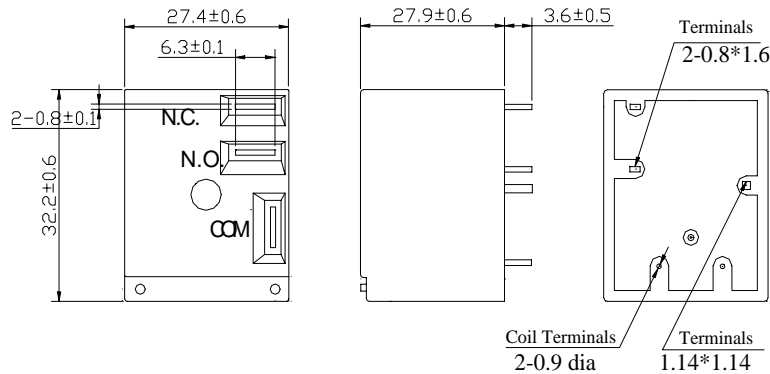
- ① Series Miniature p.c.b Relay
- ② Part No.
- ③ Contact Form:
C=1C/O; A = N/O; B= N/C
- ④ Coil Voltage: 12D= 12Vdc 24D= 24Vdc

COIL DATA (at 20°C)

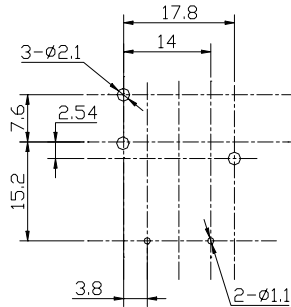
Nominal Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Voltage VDC(Min)	Coil Resistance (Ω)±10%	Nominal operating Power (W)	Max.Allowable Voltage
5	3.75	0.50	26.9	0.93	130% of nominal Voltage
6	4.50	0.60	38.8		
9	6.75	0.90	87.1		
12	9.00	1.20	154.9		
24	18.00	2.40	619.4		
48	36.00	4.80	2477.5		

DIMENSIONS

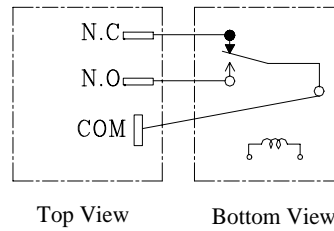
Unit: mm



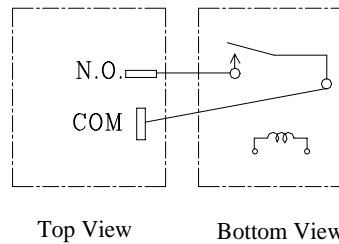
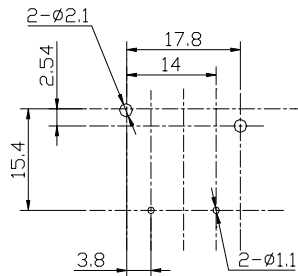
PC board pattern (Bottom View)



Schematic



NRP-16C



NRP-16A