

NRP SERIES



Industrial & Electrical Components

Miniature P.C.B Relay

Part No.

NRP17T



- High switching capacity-40A for 1 Form A.
- Fasten connection pins.
- Sealed type available.

CONTACT

Arrangement	1A/1B/1C
Contact Material	Silver Alloy
Contact Resistance (At 6VDC 1A)	Max.100mΩ
Rating	1A : 40A 240VAC/28VDC
Resistive load (Cos.Φ=1)	1B : 30A 240VAC/28VDC 1C : 30A 240VAC/28VDC
Max. Switching Voltage	240VAC
Max. Switching Current	40A
Max. Switching Power	9600VA/1120W
Service life	
Electrical	1×10^5
Mechanical	1×10^7

CHARACTERISTICS

Operate Time	Max.15ms
Release Time	Max.10ms
Dielectric Strength	
Between contact and coil	2500VAC for 1min
Between open contacts	1800VAC for 1min
Insulation Resistance	Min.100MΩ (500 VDC)
Ambient temperature	-55~ 70°C
Humidity	20%~85%
Shock:	Error Operation 100m/s ² Endurance 1000m/s ²
Vibration	Endurance 10 ~ 55 Hz D.A. of 1.5mm Damage 10 ~ 55 Hz D.A. of 1.5mm
Unit weight	≤33g

ORDERING INFORMATION

e.g

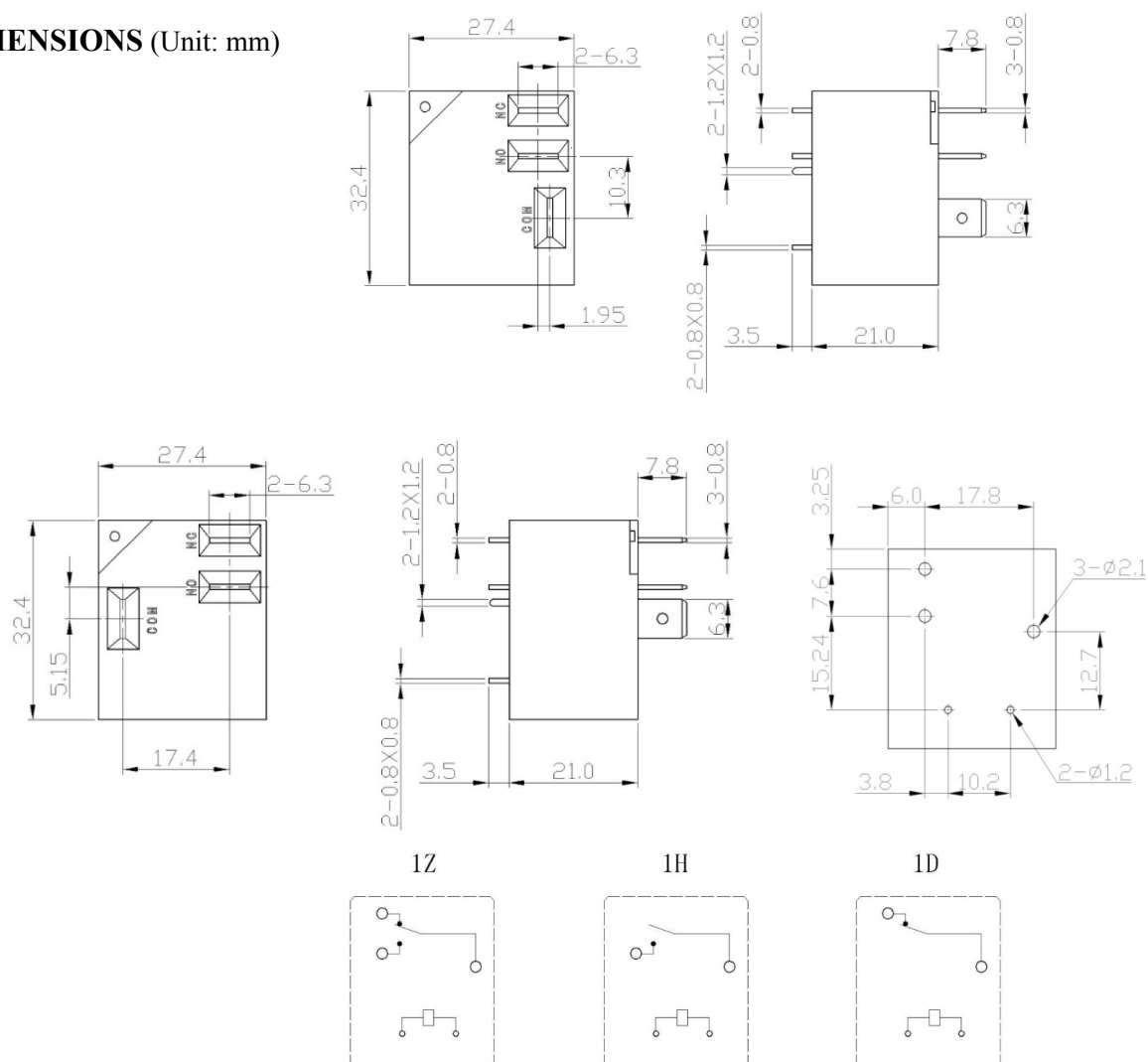
NRP-17T- C - 12D

① ② ③ ④

- ① Series: Miniature P.C.B Relay
- ② Part No. 40A Version
- ③ Contact Arrangement : C=1C/O; A=1N/O;B=1N/C
- ④ Coil Rated Voltage: 12D=12VDC,24D=24VDC

COIL DATA(at 20°C)

Nominal Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Vol VDC(Min)	Coil Resistance (Ω) $\pm 10\%$ 0.93W	Max.Allowable Voltage
5	3.75	0.50	26.9	5.5
6	4.50	0.60	38.7	6.6
12	9.00	1.20	154.8	13.2
24	18.00	2.40	619.4	26.4
48	36.00	4.80	2477.4	52.8
(VAC)			(1.5VA)	
12	9.60	3.60	33.6	13.2
24	19.20	7.20	135.0	26.4
48	38.40	14.40	538.0	52.8
110	88.00	33.00	2820.0	121.0
220	176.00	66.00	11300.0	242.0
240	192.00	72.00	13440.0	264.0

DIMENSIONS (Unit: mm)**Disclaimer:**

The specifications in this datasheet are for reference only and subject to change without notice. No chance for us to evaluate all the specifications and technical parameters for each possible application. The users will take the responsibility to choose the correct products for their own applications. While if any technical support is needed, please contact NCR team for assistance.