

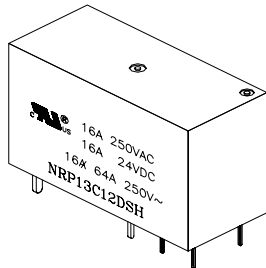


Industrial & Electrical Components

**Miniature  
P.C.B Relay**

*Part No.*

**NRP-14T**



16A 240Vac Slim relay  
Compact dimension  
UL/C-UL recognized  
Sealed type available

**CONTACT**

Arrangement	1A / 1B / 1C
Contact Material	Silver Alloy
Contact Resistive	100 mΩ
<b>Rating</b>	
Resistive load (cosφ=1)	16A 250VAC 16A 30VDC
Max. Switching Voltage	250VAC 110VDC
Max. Switching Current	16A
Max. Switching Power	4000VA /360W
<b>Expected life</b>	
Mechanical	1×10 <sup>6</sup> Min
Electrical	1×10 <sup>4</sup> Min.

**CHARACTERISTICS**

Operate Time	15 ms. Max.
Release Time	8 ms. Max.
<b>Initial breakdown voltage</b>	
Between Coil & Contact	5000VAC (50/60Hz) for 1 min. at 1mA
Between Open Contacts	1000VAC (50/60Hz) for 1 min at 1mA
Insulation Resistance	Min.100MΩ (500 VDC)
Shock:	Endurance 100 m/s <sup>2</sup> Damage 1000 m/s <sup>2</sup>
Vibration	Endurance 10 to 55 Hz ,1.5mm D.A. for 15 minutes Damage 10 to 55 Hz ,1.5mm D.A. for 6 hours
Humidity	35%~85%RH
Ambient temperature	-40 to +70
Unit weight	13g

**ORDERING INFORMATION**

e.g

**NRP - 14T - C - 12D**

Series: Miniature p.c.b Relay

15.6mm height special type

Contact Form:

C=C/O; A = 1N/O; B= N/C

Coil Voltage: 12D= 12Vdc 24D= 24Vdc

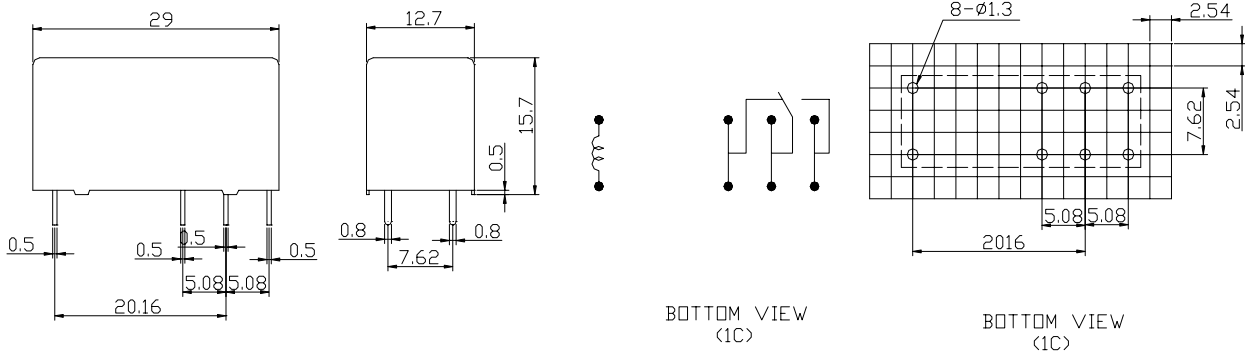
**COIL DATA (at 20 )**

Nominal Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Voltage VDC(Min)	Coil Resistance (Ω)±10%	Nominal Current (mA)±10%	Nominal operating Power (W)	Max.Allowable Voltage
5	3.75	0.50	62.5	80	0.40	150% of nominal Voltage
6	4.50	0.60	90	66		
12	9.00	1.20	360	33		
24	18.00	2.40	1440	16.7		
48	36.00	4.80	5760	8.3		
60	45.00	6.00	7500	8.0		
110	82.50	11.00	30000	3.7		

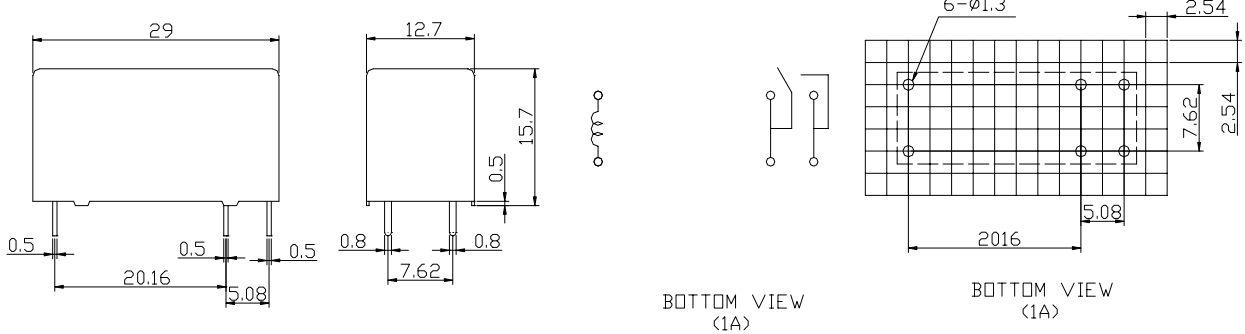
**DIMENSIONS**

Unit: mm Tolerance: ±0.2

**NRP14T-C-XXD**



**NRP14T-A-XXD**



**NRP14T-B-XXD**

