




21×10×12

# N4078

△ R50126375 c  us E169380

Features
<ul style="list-style-type: none"><li>▪ Small size, light weight.</li><li>▪ Low coil power consumption.</li><li>▪ PC board mounting.</li><li>▪ Suitable for household electrical appliances, automation system, electronic equipment, instrument, meter, telecommunication facilities and remote control facilities.</li></ul>

Ordering Information	
<u>N4078 - 2C - 3V - 0.2W</u>	
1	2
3	
4	
1 Part number: N4078	3 Coil rated voltage(V): DC:5,9,12,24
2 Contact arrangement: 2C:2C	4 Coil power: 0.2W ; 0.36W

Contact Data	
Contact Arrangement	2C (DPDT (B-M))
Contact Material	Ag Alloy(Au plated)
Contact Rating	2A/30VDC;1A/125VAC,24VDC
Max. Switching Power	60W    125VA
Max. Switching Voltage	30VDC    220VAC    Max.Switching Current:2A
Contact Resistance	≤50mΩ    Item 4.12 of IEC 61810-7
Electrical Endurance	1×10 <sup>5</sup> Item 4.30 of IEC 61810-7
Mechanical Endurance	1×10 <sup>7</sup> Item 4.31 of IEC 61810-7

Notes: The min. switching current and min. switching voltage is 50mA/6VDC.

Coil voltage VDC		Coil resistance Ω ± 10%	Pick-up voltage VDC (max) (70% of rated voltage)	Drop-out voltage VDC (min) (10% of rated voltage)	Coil power W	Operate time ms	Release time ms
Rated	Max.						
5 9 12 24	6.5 11.7 15.6 31.2	125 405 720 2880	3.50 6.30 8.40 16.8	0.5 0.9 1.2 2.4	0.20	≤6	≤5
5 12 24	6.5 15.6 31.2	70 400 1600	3.50 8.40 16.8	0.5 1.2 2.4	0.36	≤6	≤5

Notes: 1.The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.  
2.Pick-up and drop-out voltage are for test purposes only and are not to be used as design criteria.

Characteristics

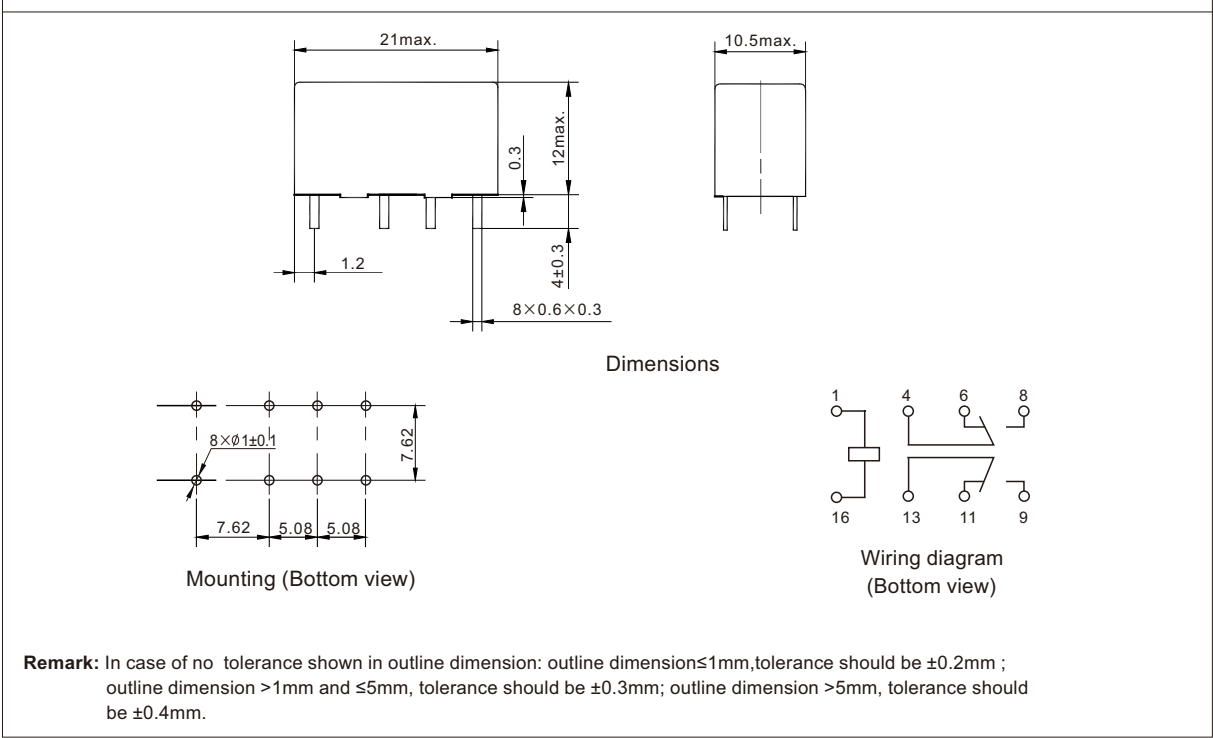
Insulation Resistance	500MΩ min (at 500V)	Item 4.11 of IEC 61810-7
Dielectric Strength Between Open Contacts Between Contact and Coil	500VAC 1min 1000VAC 1min	Item 4.9 of IEC 61810-7
Shock Resistance	490m/s <sup>2</sup> 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~70Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	5N	Item 4.24 of IEC 61810-7
Ambient Temperature	-30℃~70℃	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Weight(Approx.)	5.5g	Item 4.7 of IEC 61810-7

Safety Approvals

Safety approval	UL & CUR	TüV
Load	2A/30VDC; 1A/125VAC, 24VDC	1A/125VAC; 24VDC

Dimensions

mm



Reference Data

