

繼電器

Miniature Relay

Features

- Low coil power consumption .
- Small size and Low cost.
- Printing circuit terminals-Fits grid with 0.1 inch.



Order Code

BTL- 12 10 - 1A
a b c d

- a: Relay Model
- b: Nominal Coil Voltage
- c: Contact Rating Current : 5=5 Amper ; 10=10 Amper
- d: Contact Form : Nil=1 FomC ; 1A=1 FormA

Coil Data-Standard Type (at 20°C)

Nominal Voltage(VDC)	Coil Resistance ± 10% (ohm)	Nominal Current (mA)	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
3	20	150	75%	10%	110%
5	56	90			
6	80	75			
9	180	50			
12	320	37.5			
24	1280	18.75			
48	3800	12.6			

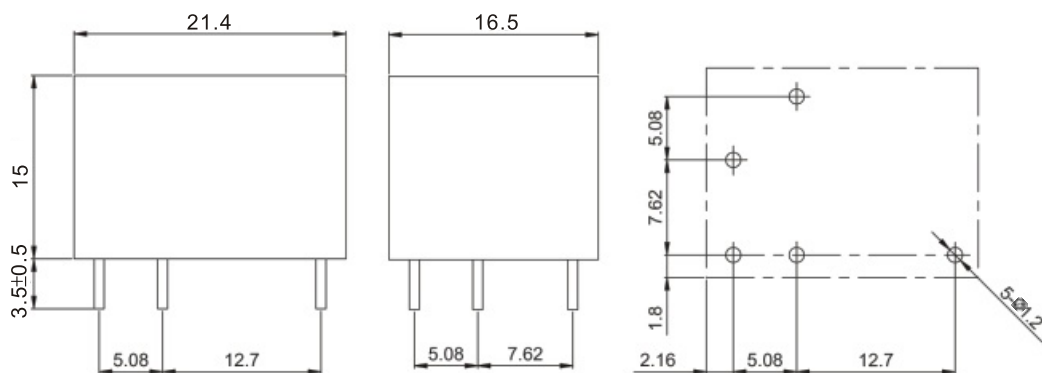
Contact Rating

Contact Form	1 Form A , 1 Form C	
Contact Rating	5A 125VAC / 28VDC	10A 125VAC / 28VDC
Max. Switching Voltage	380VAC / 110VDC	
Max. Switching Current	5A	10A

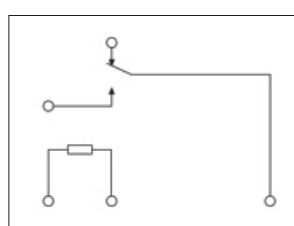
Specification

Contact Material	Silver Alloy
Contact Resistance	Max. 50m ohm
Operate Time	7ms
Release Time	4ms
Insulation Resistance	500M ohm Min. (500VDC)
Dielectric Strength	Between Open Contacts 1000VAC (for 1min) Between Coil to Contacts 2500VAC (for 1min)
Vibration	10-50Hz D., 1.5mm
Shock Resistance	10G
Life Expectancy of Mechanical	1,000,000 ops.Min.(1800 ops/hr)
Life Expectancy of Electrical	100,000 ops. min.
Operating Temperature	-40°C ~ +85°C
Weight	Approx. 11g

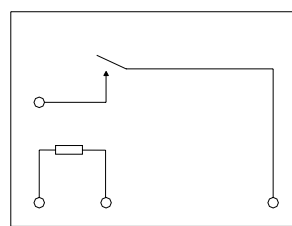
Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)



1C



1A