

Mini-size EMR**Features**

- Extra small size and light weight.
- High sensitive available 150mW.
- Full sealed type.
- Lead - Free (LF) products available.
- UL recognized.

**Order Code**

BTS- 12 - 1C
a b d

- a: Relay Model
b: Nominal Coil Voltage
c: Contact Form: 1C=1 form C

Coil Data-Standard Type (at 20°C)

Nominal voltage DC±10%[V]	Coil Resistance ±10% (ohm)	Nominal Current (mA)	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Max. Allowable Voltage (VDC)
3	60	50	80%	5%	130%
5	167	30			
6	240	25			
9	540	16.7			
12	960	12.5			
24	3840	6.25			

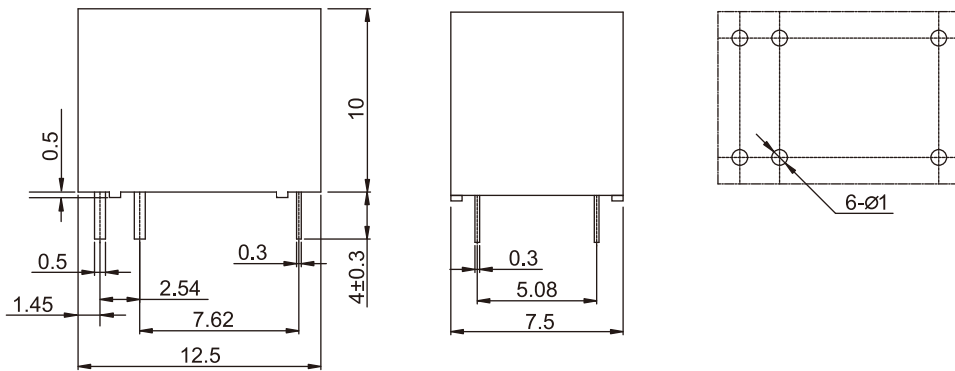
Contact Rating

Contact Form	1 Form C
Contact Rating	0.5A 125VAC / 1A 30VDC
Max. Switching Power	62.5VA / 30W
Max. Switching Voltage	125VAC / 60VDC
Max. Switching Current	1A
Max. Carry Current	1A

Specification

Contact Material	Silver Alloy
Contact Resistance	Max. 100m ohm (6VDC 1A)
Operate Time	5ms
Release Time	5ms
Insulation Resistance	1000M ohm Min. (500VDC)
Dielectric Strength	Between Open Contacts 400VAC(for 1 min)
	Between Coil to Contacts 1000VAC(for 1 min)
Vibration	10-55Hz 3.3mm
Shock Resistance	10G
Life Expectancy of Mechanical	5,000,000 ops
Life Expectancy of Electrical	100,000 ops
Operating Temperature	-30°C~+70°C
Weight	Approx.2.2g

Dimensions (Unit: mm)



Wiring Diagrams (Bottom View)

