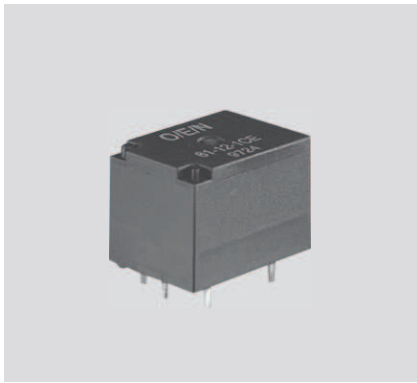




## O/E/N 61

### SUB MINIATURE POWER RELAY

- International Standard Foot Print
- Low Profile
- UL Approved (E209843)
- Sealed

#### SPECIFICATIONS

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Contact Arrangement             | : 1 Form C                           |
| Contact Material                | : Silver alloy                       |
| Contact Rating                  |                                      |
| Rated Voltage                   | : 230 VAC/24 VDC                     |
| Max. Switching Voltage          | : 250 VAC/28 VDC                     |
| Max. Continuous Current         |                                      |
| at 120 VAC/12VDC                | : 10 A                               |
| at 230 VAC/24VDC                | : 5 A                                |
| Max. Power Rating               | : 1250 VA                            |
| Nominal Coil Power              | : 0.36 W (approx)                    |
| Life Expectancy                 |                                      |
| Electrical                      | : $10^5$ operations                  |
| Mechanical                      | : $10^7$ operations                  |
| Contact Resistance (Initial)    | : 100 milli Ohms                     |
| Dielectric Strength             |                                      |
| Between Contact & Coil          | : 1500 VRMS                          |
| Between Open Contacts           | : 750 VRMS                           |
| Insulation Resistance           | : 100 MegaOhms at 500VDC, 25°C, RH50 |
| Operate time at Nominal Voltage | : 10 milli sec.(Typ)                 |
| Release time at Nominal Voltage | : 10 milli sec.(Typ)                 |
| Ambient Temperature             | : -40°C to +85°C                     |
| Weight                          | : 12 gms (approx)                    |

#### Typical applications

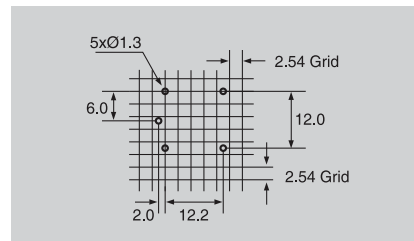
UPS, Home Appliances, Office Automation, Security Systems, PLCs, Timers etc

All dimensions are in mm. Specifications subject to change without notice. Tolerance unless otherwise specified is  $\pm 10\%$ .

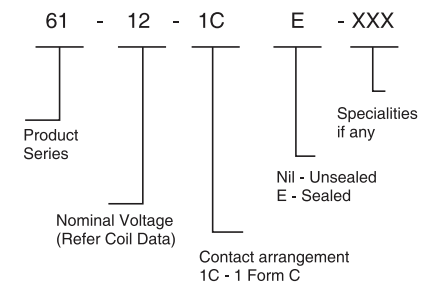
#### COIL DATA

| Nominal Voltage VDC | Pick-up Voltage VDC | Drop-out Voltage VDC | Coil Resistance Ohms $\pm 10\%$ |
|---------------------|---------------------|----------------------|---------------------------------|
| 5                   | 4.0                 | 0.5                  | 70                              |
| 6                   | 4.8                 | 0.6                  | 100                             |
| 9                   | 7.2                 | 0.9                  | 225                             |
| 12                  | 9.6                 | 1.2                  | 400                             |
| 18                  | 14.4                | 1.8                  | 900                             |
| 24                  | 19.2                | 2.4                  | 1600                            |
| 48                  | 38.4                | 4.8                  | 6400                            |

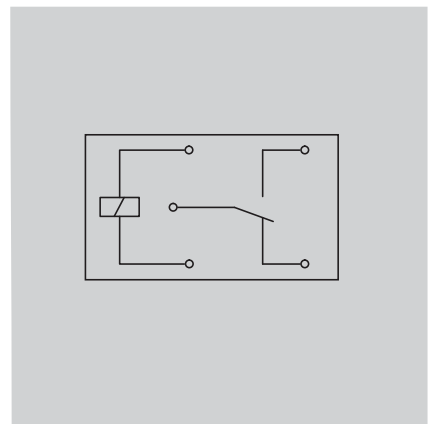
#### DRILLING PATTERN



#### HOW TO ORDER



#### WIRING DIAGRAM



#### DIMENSIONS

