

COIL RATING (at 20°C)

| NOMINAL VOLTAGE (VDC) | COIL RESISTANCE (Ω)($\pm 10\%$) | POWER CONSUMPT - ION(W) | NOMINAL CURRENT (mA)($\pm 10\%$) | PULL IN VOLTAGE (VDC) | DROP OUT VOLTAGE (VDC) | MAX. ALLOWABLE VOLTAGE (VDC) |
|-----------------------|--|-------------------------|------------------------------------|-----------------------|------------------------|------------------------------|
| 3V | 45 Ω | 0.2W | 66.7mA | 70% MAX. | 10% MIN. | 130% |
| 5V | 120 Ω | | 41.7mA | | | |
| 6V | 180 Ω | | 33.3mA | | | |
| 9V | 400 Ω | | 22.5mA | | | |
| 12V | 700 Ω | | 17.0mA | | | |
| 24V | 2800 Ω | | 8.6mA | | | |

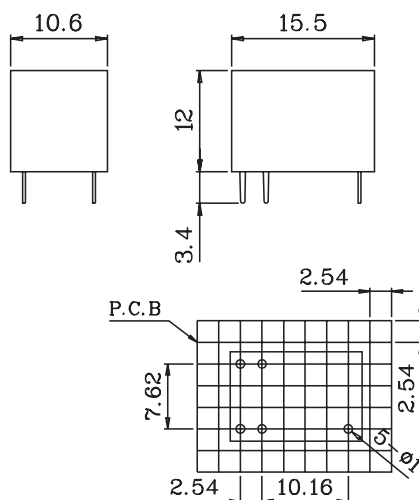
PERFORMANCE (at initial value)

| Item | Type | 3A |
|--|------|---|
| Contact Resistance | | 50m Ω Max. (initial value) |
| Operate Time | | 5msec Max. |
| Release Time | | 5msec Max. |
| Dielectric Strength between coil & contact between contact | | AC1500V (1min) AC1000V (1min) |
| Insulation Resistance | | 100M Ω Min.(DC500V) |
| Operating Ambient Temperature | | -30°C ~ +75°C |
| Humidity | | 35 to 85% RH |
| Vibration Resistance | | 10G (10~55Hz)(Dual amplitude:1.5mm) |
| Shock Resistance | | 10G |
| Life Expectancy Mechanically Electrically | | 10,000,000 ops. Min. (1800 ops./h) 100,000 ops. Min. (1200 ops./h) |
| Weight | | 3.5g(about) |

CONTACT RATING

| Item | Type | 3A |
|-------------------------|------|-----------------------------------|
| Rated Carrying Current | | DC24V 3A DC30V 1A AC120V 2A |
| Max. Allowable Current | | 3A |
| Max. Allowable Voltage | | AC 120V DC 60V |
| Max. Current(continual) | | 3A |
| Min. Load | | DC1V 1mA |
| Contact Material | | Ag alloy |

DIMENSIONS(Unit: mm)



WIRING DIAGRAMS(Bottom View)

