

# SY4030

## COMPONENT SPECIFICATION

### ●RELAY MODEL

**TRR1A05D00**

### ●COIL DATA

1. VOLTAGE 5V.
2. RESISTANCE 300Ω ±10% (AT 25°C)
3. MUST OPERATE VOLTAGE 3.75V.
4. MUST RELEASE VOLTAGE 0.8V.
5. NOMINAL CURRENT 10mA.
6. COIL CONSUMPTION 0.05W.
7. ALLOWABLE VOLTAGE 6V MAX.

### ●SPECIFICATION

- |                                |   |
|--------------------------------|---|
| 1. CONTACT FORM                | : 1 FORM A. (SPST)  |
| 2. MAX SWITCHING CURRENT(Max)  | : 0.5ADC.   |
| 3. RATED CARRYING CURRENT(Max) | : 1.0ADC.   |
| 4. MAX VOLTAGE                 | : 100VDC.   |
| 5. MAX ALLOWABLE POWER FORCE   | : 10VA Max.   |
| 6. CONTACT MATERIA             | : SILVER ALLOY.   |
| 7. CONTACT RESISTANCE(Max)     | : 150mΩ.  |
| 8. OPERATE TIME(Max)           | : 1msec.  |
| 9. RELEASE TIME(Max)           | : 1msec.  |
| 10. DIELECTRIC STRENGTH(1 min) | : BETWEEN COIL & CONTACT 1400VDC.<br>: BETWEEN CONTACTS 250VDC. |
| 11. INSULATION RESISTANCE(Min) | : 10 <sup>10</sup> Ω Min.                                       |
| 12. AMBIENT TEMPERATURE        | : -55 ~ +125°C (STORAGE)<br>: -40 ~ +85°C (OPERATING)           |
| 13. OPERATION HUMIDITY         | : 35 TO 85% RH.   |
| 14. SHOCK RESISTANCE(Min)      | : 30G.  |
| 15. ELECTRICAL LIFE(Min)       | : 100,000,000. (REF 10VDC/10mA)                                 |
| 16. WEIGHT(ABT.)               | : 1.8grs.   |
| 17. UL FILE NO.                | : E156521.  |

