



TRA5

SPECIFICATION

FILE NUMBER: P-08KB301A

DATE: 2001/7/19



■ Features

- 2 form A contact arrangement
- Immersion cleanable, sealed version available
- Meet 3000V dielectric voltage between coil and contacts (1.2/50us)

■ CONTACT DATA

| | | |
|----------------------------|-----------------|-----------------------------------|
| Contact Form | 2A | |
| Contact Material | AgSnO | |
| Contact Ratings | 3A 125VAC/24VDC | 5A 250VAC/30VDC |
| Max Switching Voltage | 250VAC/30VDC | |
| Max Switching Current | 7A | |
| Max Switching Power | 1250VA/150W | |
| Contact Resistance | 100m Ω Max | at 6VDC 1A |
| Life Expectancy Electrical | 100,000 | Operations(at30Operations/minute) |
| Machanical | 10,000,000 | Operations |

■ GENERAL DATA

| | | |
|---|-------------------------|------|
| Insulation Resistance | 100M Ω Min at 500VDC | |
| Dielectric Strength Between Open Contacts | 1000VAC(for one minute) | |
| Between Contacts and coil | 4000VAC(for one minute) | |
| Operate Time | 20ms | |
| Release Time | 10ms | |
| Temperature Range | -40°C to+70 °C | |
| Shock Resistance | Operating Extremes | 10G |
| | Damage Limits | 100G |
| Vibration Resistance | 10-55Hz,1.5mm | |
| Humidity | 20-85% | |
| Weight | Approx 13g | |
| Safety Standard | | |

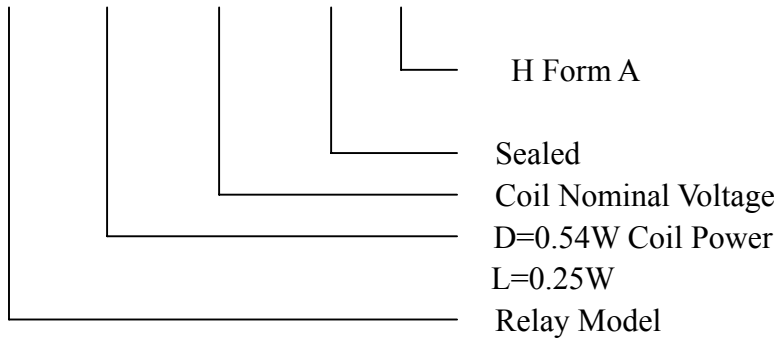


■ COIL DATA

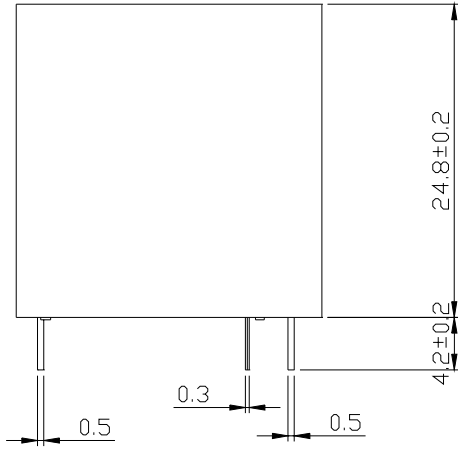
| Nominal Voltage (VDC) | Coil Resistance at 20±10%(Ω) | | Max Operate Voltage VDC | Min Release Voltage VDC | Max Applicable Voltage VDC |
|--------------------------|------------------------------|------------|----------------------------|----------------------------|-------------------------------|
| | 0.25W | 0.54W | | | |
| 3 | 36 | 16.7 | 2.25 | 0.3 | 3.9 |
| 5 | 100 | 46.3 | 3.75 | 0.5 | 6.5 |
| 6 | 144 | 66.7 | 4.5 | 0.6 | 7.8 |
| 9 | 324 | 150 | 6.75 | 0.9 | 11.7 |
| 12 | 576 | 266.7 | 9 | 1.2 | 15.6 |
| 24 | 2304 | 1066.7 | 18 | 2.4 | 31.2 |
| 48 | 9216±15% | 4266.7±15% | 36 | 4.8 | 62.4 |

■ ORDERING CODE

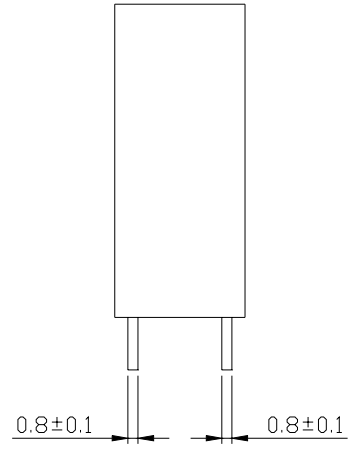
TRA5 D--12VDC--S---H



OVERALL AND MOUNTING DIMENSIONS



Dimensions



Terminal Arrangement/
Internal Connections
(Bottom view)

