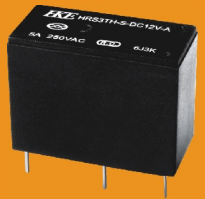




HRS3T Relay


No.50075616


CQC02001001297



1.COIL DATA

| | |
|---------------------|--------------------------|
| 1-1.Nominal Voltage | 3,5,6,9,12,18,24,48VDC |
| 1-2.Nominal Voltage | Refer to Coil Data Chart |
| 1-3.Operate Voltage | Refer to Coil Data Chart |
| 1-4.Release Voltage | Refer to Coil Data Chart |
| 1-5.Nominal Power | 200mW、450mW |

2.CONTACT DATA

| | |
|---------------------------|--|
| 2-1.Contact Form | A-1 Form A,C-1 Form C |
| 2-2.Contact Material | Ag Alloy |
| 2-3.Contact Rating | 1A:10A 125VAC , 5A 250VAC/30VDC(Standard) 1C:NO/NC:5A/3A 250VAC/30VDC(Standard) |
| 2-4.Max.Switching Voltage | 250VAC/30VDC |
| 2-5.Max.Switching Current | 10A |
| 2-6.Max.Switching Power | 1,250VA,150W |
| 2-7.Min.Switching Load | 5VDC,100mA |
| 2-8.Contact Resistance | Max 100mΩ (6VDC 1A) |
| 2-9.Life | |
| Electrical | 100,000 operations |
| Mechanical | 10,000,000 operations |

3.GENERAL DATA

| | |
|---------------------------|--|
| 3-1.Insulation Resistance | Min.1000MΩ 500VDC |
| 3-2.Dielectric Strength | 1,000VAC,1 Min between open contacts A: 3,500VAC,1 min between coil and contacts C: 2,500VAC,1 min between coil and contacts |
| 3-3.Operate Time | Max.8ms |
| 3-4.Release Time | Max.5ms |
| 3-5.Operate Temperature | -40 ~ +70°C |
| 3-6.Shock Resistance | |
| Endurance | 1,000m/s ² |
| Misoperation | 100m/s ² |
| 3-7.Vibration Resistance | |
| Endurance | 10 ~ 55Hz,1.5mm double amplitude |
| Misoperation | 10 ~ 55Hz,1.5mm double amplitude |
| 3-8.Humidity | 35% ~ 95%RH,+40°C |
| 3-9.Weight | Approximately 7g |
| 3-10.Safety | TUV NO.50075616 CQC NO.02001001297 |

4. ORDER CODE

HRS3T H - S - DC5V - A

CONTACT FORM

A- 1 Form A
C- 1 Form C

COIL VOLTAGE

DC3V,DC5V,DC6V,DC9V,DC12V,DC24V,DC48V

ENCLOSURE

S - Plastic Sealed Type

COIL POWER

H-High Sensitivity(200mW)
NIL-Standard(450mW)

RELAY MODEL

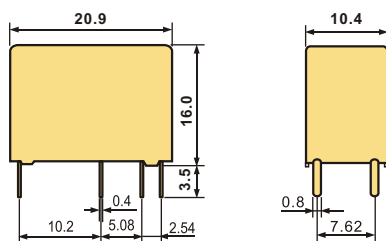
5. COIL DATA CHART

20°C

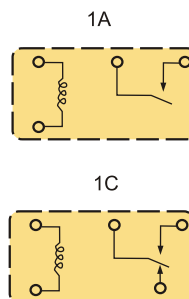
| Model | Nominal Voltage VDC | Coil Resistance Ω +/-10% | Operate Voltage \leq VDC | Release Voltage \geq VDC | Coil Power mW |
|------------------|---------------------|---------------------------------|----------------------------|----------------------------|---------------|
| HRS3T-(S)-DC3V | 3 | 20 | 2.25 | 0.3 | 450 |
| HRS3T-(S)-DC5V | 5 | 55 | 3.75 | 0.5 | |
| HRS3T-(S)-DC6V | 6 | 80 | 4.5 | 0.6 | |
| HRS3T-(S)-DC9V | 9 | 180 | 6.75 | 0.9 | |
| HRS3T-(S)-DC12V | 12 | 320 | 9.0 | 1.2 | |
| HRS3T-(S)-DC18V | 18 | 720 | 13.5 | 1.8 | |
| HRS3T-(S)-DC24V | 24 | 1280 | 18.0 | 2.4 | |
| HRS3T-(S)-DC48V | 48 | 5120 | 36.0 | 4.8 | |
| HRS3TH-(S)-DC3V | 3 | 45 | 2.25 | 0.3 | 200 |
| HRS3TH-(S)-DC5V | 5 | 125 | 3.75 | 0.5 | |
| HRS3TH-(S)-DC6V | 6 | 180 | 4.5 | 0.6 | |
| HRS3TH-(S)-DC9V | 9 | 405 | 6.75 | 0.9 | |
| HRS3TH-(S)-DC12V | 12 | 720 | 9.0 | 1.2 | |
| HRS3TH-(S)-DC18V | 18 | 1620 | 13.5 | 1.8 | |
| HRS3TH-(S)-DC24V | 24 | 2880 | 18.0 | 2.4 | |

6. DIMENSIONS (mm)

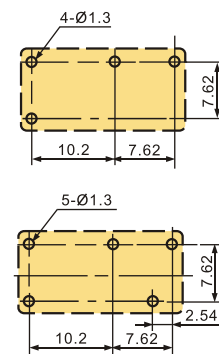
Dimensions



Wiring Diagrams



Mounting Hole Layout



7.HRS3T CHARACTERISTIC CHART DATA

