

NINGBO TIANBO GANGLIAN ELECTRONICS CO., LTD

HJR4102
SPECIFICATION

FILE NUMBER: T810S-T002A

DATE: 2004/06/25

■ CONTACT DATA

| | |
|----------------------------|---|
| Contact Form | 1A,1C |
| Contact Material | Silver Alloy |
| Contact Ratings | 3A 120VAC/24VDC |
| Max Switching Voltage | 240VAC/60VDC |
| Max Switching Current | 5A |
| Max Switching Power | 360VA/90W |
| Contact Resistance | 100m Ω Maxat 6VDC 1A |
| Life Expectancy Electrical | 100, 000Operations(at30Operations/minute) |
| Mechanical | 10, 000, 000Operations |

■ GENERAL DATA

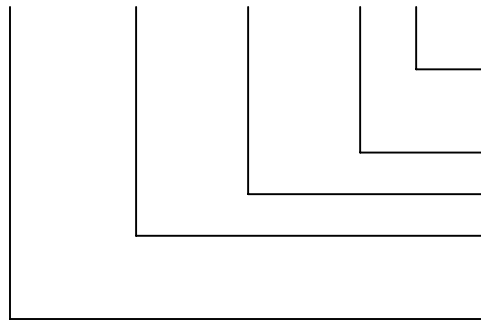
| | | |
|---|-----------------------------|-----|
| Insulation Resistance | 100M Ω Min at 500VDC | |
| Dielectric Strength Between Open Contacts | 500VAC(for one minute) | |
| Between Contacts and coil | 1000VAC(for one minute) | |
| Operate Time | 5ms | |
| Release Time | 5ms | |
| Temperature Range | -30°C to +70°C | |
| Shock Resistance | Operating Extremes | 10G |
| | Damage Limits | 50G |
| Vibration Resistance | 10-55Hz, 1.5mm | |
| Humidity | 40-85% | |
| Weight | Approx. 3.5g | |
| Safety Standard | UL E173485 | |

■ COIL DATA

| Nominal Voltage (VDC) | Coil Resistance at 20°C \pm 10% (Ω) | | | Max Operate Voltage VDC | Min Release Voltage VDC | Max Applicable Voltage VDC |
|--------------------------|--|----------------|----------------|----------------------------|----------------------------|-------------------------------|
| | 0.2W | 0.36W | 0.45W | | | |
| 3 | 45 | 25 | 20 | 2.25 | 0.3 | 3.9 |
| 5 | 125 | 70 | 56 | 3.75 | 0.5 | 6.5 |
| 6 | 180 | 100 | 80 | 4.5 | 0.6 | 7.8 |
| 9 | 405 | 220 | 180 | 6.75 | 0.9 | 11.7 |
| 12 | 720 | 400 | 320 | 9 | 1.2 | 15.6 |
| 24 | 2800 | 1600 | 1280 | 18 | 2.4 | 31.2 |
| 48 | | 5650 \pm 15% | 4520 \pm 15% | 36 | 4.8 | 62.4 |

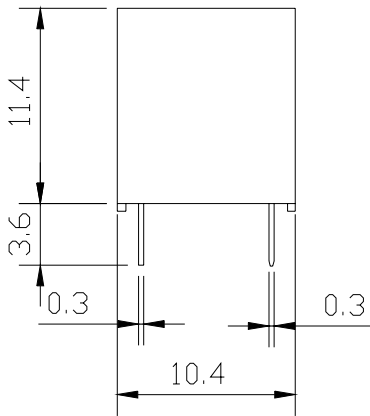
ORDERING CODE

HJR4102 D—12VDC—S—Z

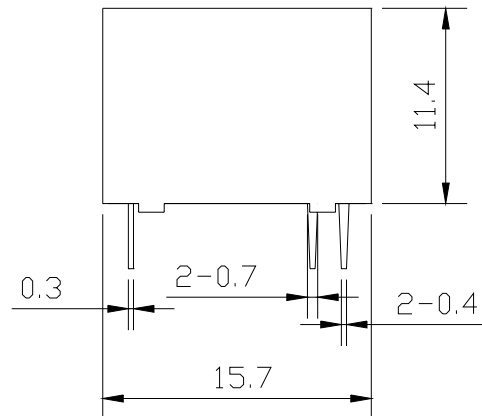


Z Form C
 H Form A
 Sealed
 Coil Nominal Voltage
 D=0.36W Coil Power
 L=0.2W N=0.45W
 Relay Model

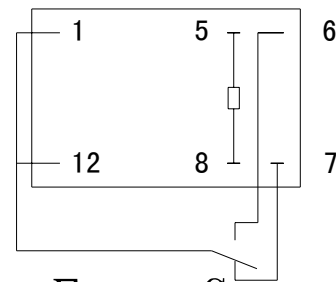
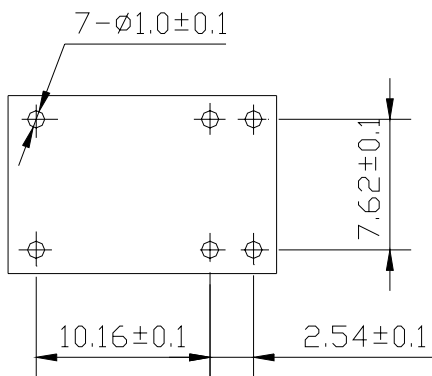
OVERALL AND MOUNTING DIMENSIONS



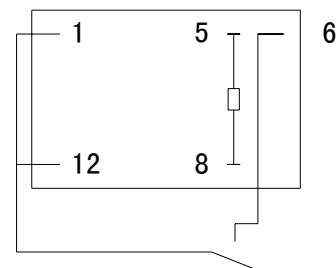
安装图



接线图



Form C



Form A