



HJR-3FF

SPECIFICATION

FILE NUMBER: P-08KA501A

DATE: 2001/11/02



■ Features

10A switching capability

Small footprint

Sealed type available

■ CONTACT DATA

| | | |
|----------------------------|--|--|
| Contact Form | 1A/1C | |
| Contact Material | AgCdO | AgSnO |
| Contact Ratings | 1A:10A 240VAC, 15A 12VDC(TUV) 12A 120VAC/24VDC | 1C: 7A 240VAC/10A 120VAC/24VDC 5A 240VAC(TUV) |
| Max Switching Voltage | 250VAC/30VDC | |
| Max Switching Current | 15A | |
| Max Switching Power | 2770VA/240W | |
| 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 | 750VAC(for one minute) | |
| Between Contacts and coil | 1500VAC(for one minute) | |
| Operate Time | 10ms | |
| Release Time | 5ms | |
| Temperature Range | -40°C to+70 °C | |
| Shock Resistance | Operating Extremes | 10G |
| | Damage Limits | 100G |
| Vibration Resistance | 10-50Hz 1.5mm | |
| Humidity | 40—85% | |
| Weight | Approx 10g | |
| Safety Standard | UL:E 173485 TUV:R 9859574,CH0062184-2001 | |

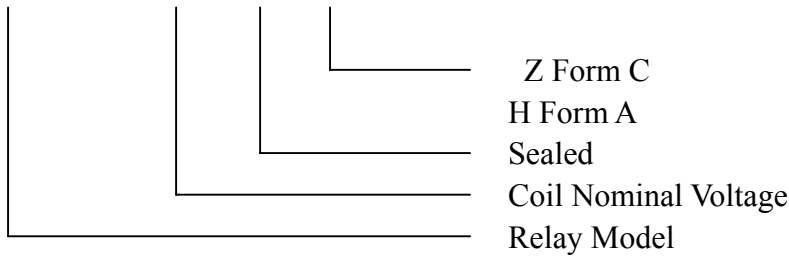


■ COIL DATA

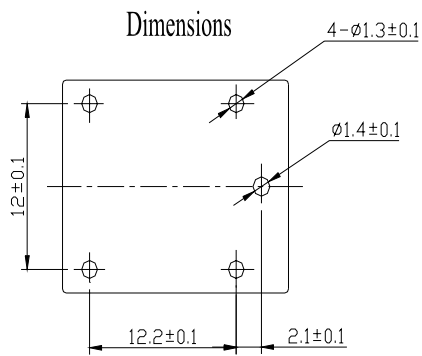
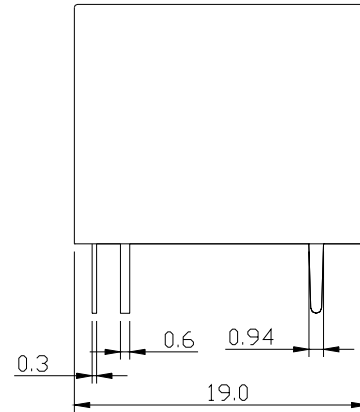
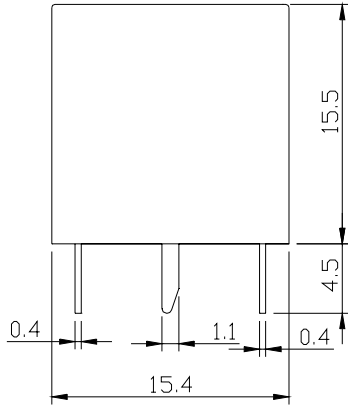
| Nominal Voltage (VDC) | Coil Resistance at 20±10% (Ω) | | Max Operate Voltage VDC | Min Release Voltage VDC | Max Applicable Voltage VDC |
|--------------------------|-------------------------------|------------|----------------------------|----------------------------|-------------------------------|
| | 0.36W | 0.45W | | | |
| 3 | 25 Ω | | 2.25 | 0.3 | 3.9 |
| 5 | 70 Ω | | 3.75 | 0.5 | 6.5 |
| 6 | 100 Ω | | 4.5 | 0.6 | 7.8 |
| 9 | 225 Ω | | 6.75 | 0.9 | 11.7 |
| 12 | 400 Ω | | 9 | 1.2 | 15.6 |
| 18 | 900 Ω | | 13.5 | 1.8 | 23.4 |
| 24 | 1600 Ω | | 18 | 2.4 | 31.2 |
| 48 | 6400Ω ±15% | 5100Ω ±15% | 36 | 4.8 | 62.4 |

■ ORDERING CODE

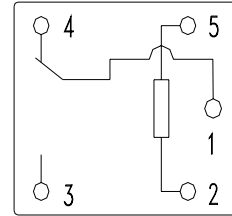
HJR-3FF--12VDC-S---Z



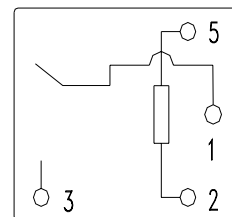
OVERALL AND MOUNTING DIMENSIONS



Terminal Arrangement/
Internal Connections
(Bottoms view)



Form C



Form A