



ORDERING CODE

HLS-CMA6 - DC12V - C

CONTACT FORM
A:1 FORM A C:1 FORM C

NOMINAL VOLTAGE
DC12V,DC24V

TYPE

CONTACT DATA

| | | |
|----------------------------|---------------------------|-------------------------|
| Contact Form | 1A/1C | |
| Contact Material | Ag Alloy | |
| Contact Ratings | 1A:25A/14VDC 1C:20A/14VDC | |
| Max Switching Voltage | 75VDC | |
| Max Switching Current | 30A | |
| Max Switching Power | 500W | |
| Initial Contact Resistance | 100mΩ Max | at6VDC 1A |
| Life Expectancy Electrical | 100,000 | Operations (rated load) |
| Life Expectancy Mechanical | 10,000,000 | Operations (no load) |

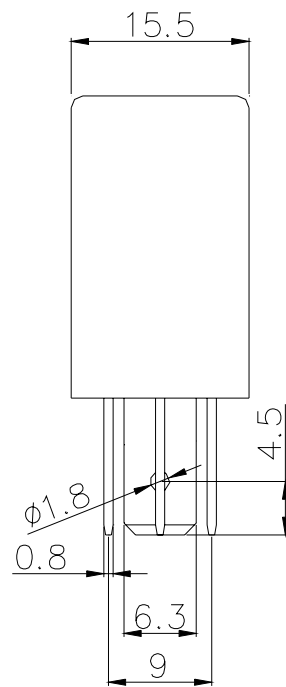
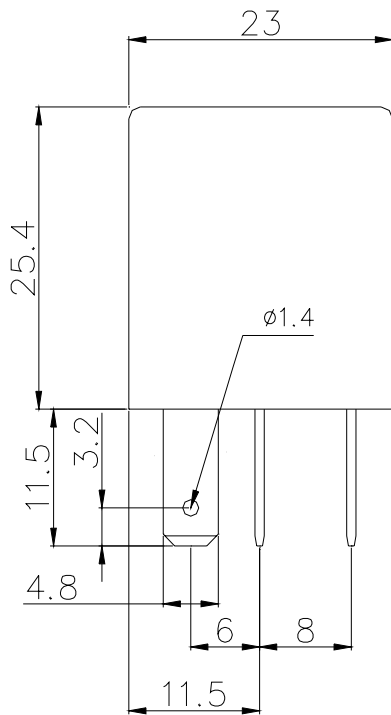
GENERAL DATA

| | |
|---|--------------------------------|
| Insulation Resistance | 100MΩ min at500VDC |
| Dielectric Strength Between Open Contacts | 500VAC 50-60HZ (1 minute) |
| Dielectric Strength Between Contacts And Coil | 500VAC 50-60HZ (1 minute) |
| Operate Time | 10ms max |
| Release Time | 10ms max |
| Ambient Temperature | -40°C to+85°C |
| Shock Resistance | 20G |
| Vibration Resistance | 10-55Hz,1.5mm double amplitude |
| Ambient humidity | 40-85% RH |
| Weight | Approx 18g |
| Safety Standard | |

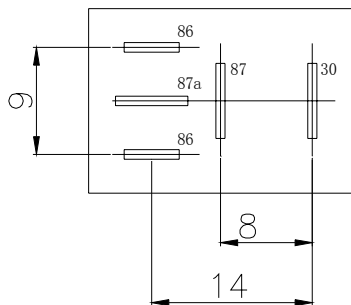
COIL DATA

| Rated Voltage (VDC) | Coil Resistance Ω (±10%) | Max Operate Voltage (VDC) | Min Release Voltage (VDC) | Max Applied Voltage (VDC) |
|------------------------|--------------------------|------------------------------|------------------------------|------------------------------|
| | 1.8W | | | |
| 12 | 680 | 7.8 | 1.2 | 15.6 |
| 24 | 2700 | 15.6 | 2.4 | 31.2 |

Outline Dimension(mm)

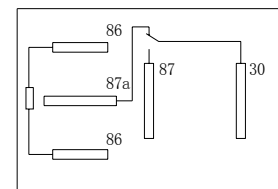


PC Board layout



(Bottom View)

Wiring Diagram



(Bottom View)