

*Material:*

Plastic Hoods: Polycarbonate, UL 94 V-0, IP67

*Metal Hoods: Zinc Die-Cast, IP44*

*IP67(Is Achieved With Seal Screw)*

Colour:RAL 7032 (Light grey)

Contacts: Copper Alloy, Hard-silver plated

*Hard-Gold Plated*

Wire gauge:

Crimp terminal:  $0.14 \sim 2.5 \text{ mm}^2$  (26 ~ 14 AWG)

PE contact:  $2.5\text{mm}^2$  (14 AWG)

*Accessories:*

Relay contacts:CESM-1.0R/CESM-1.5R/CESM-2.5R

*Crimp contact tool:*

TL02G (0.5 ~ 4mm<sup>2</sup>)

TL02 (0.14 ~ 0.37mm<sup>2</sup>)

Contact removal tool: TL01

*Coding element: CODE-E*

*Terminal:Crimp terminal*

### Electrical Characteristics:

Number of contacts:  $5+PE$

Rated Current: 16A

*Rated Voltage:*

Ground: 230V      Conductor: 400V

Rated Impulse Voltage:4KV

Pollution Degree:3

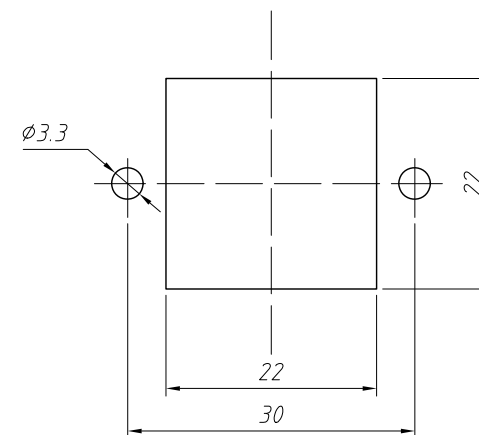
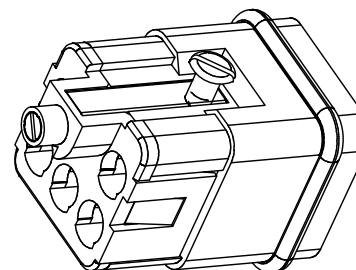
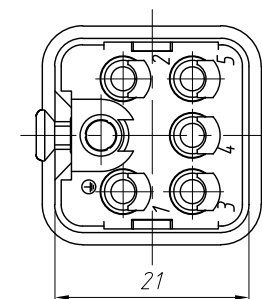
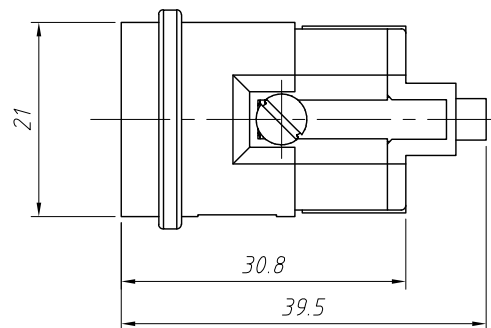
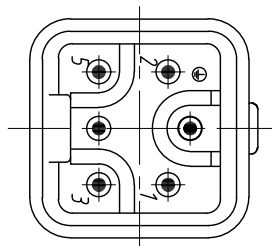
Rated Voltage Acc.to UL CSA:600V

Insulation Resistance:  $10^{10} \Omega \text{ Min}$

Contact Resistance: 1mΩ Max

Limiting Temperatures:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

Mating cycles:500 Times Min



Panel Cut Out

*Order Information:*

L-KLS1-HQ-005-0 MC

L:RoHS-

*HQ series-*

*No of contacts-*

Type:

*Female Crimp terminal*

|                   |       |                                                                                       |        |                                                                   |                                                                                                                          |
|-------------------|-------|---------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| ANGLE TOLERANCE   |       | PROJECTION                                                                            |        | Description:                                                      |                                                                                                                          |
| ±3°               |       |  |        | Heavy Duty Connectors,HQ series<br>5 Contacts,Male Crimp terminal |                                                                                                                          |
| GENERAL TOLERANCE |       | UNITS                                                                                 | mm     | KLS P/N:                                                          | L-KLS1-HQ-005-0MC                                                                                                        |
| x.x               | ±0.30 | SHEET SIZE                                                                            | A4     |                                                                   | <br>NingBo KLS ELECTRONIC CO.,L TD. |
| x.xx              | ±0.20 | Draw:                                                                                 | WuHao  | 2025-05-09                                                        |                                                                                                                          |
| x.xxx             | ±0.10 | Check:                                                                                | Daniel | 2025-05-09                                                        |                                                                                                                          |