

*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)

*Terminal:Crimp terminal*

### Electrical Characteristics:

Number of contacts: 7+PE

Rated Current: 10A

Rated Voltage:400V

Rated Impulse Voltage: 6KV

Pollution Degree:3

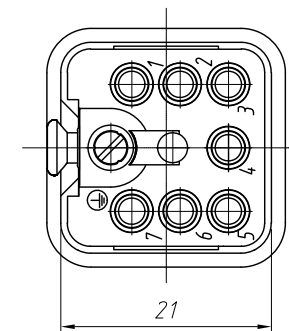
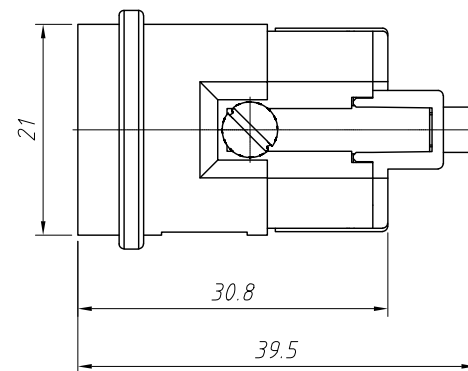
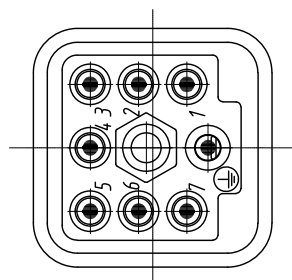
Rated Voltage Acc.to UL/CSA:600V

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

Contact Resistance:  $3m\Omega$  Max

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

Mating cycles:500 Times Min



*Order Information:*

L-KLS1-HQ-007-0 MC

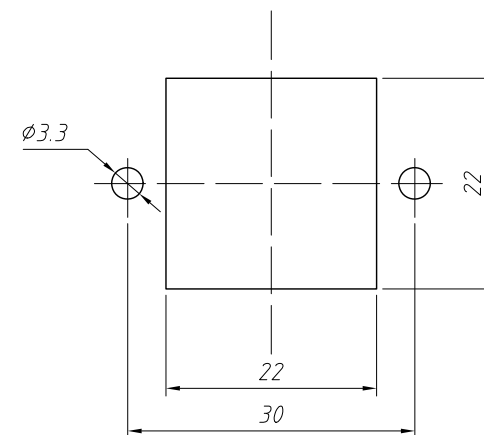
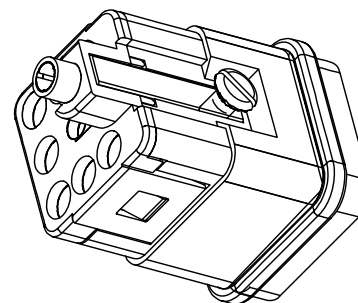
L:RoHS—

*HQ series-*

*No of contacts-*

*Type:*

*Female Crimp terminal*



Panel Cut Out

|                   |       |            |        |                                                                   |                                                                                                                       |
|-------------------|-------|------------|--------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| ANGLE TOLERANCE   |       | PROJECTION |        | Description:                                                      |                                                                                                                       |
| ±3°               |       |            |        | Heavy Duty Connectors,HQ series<br>7 Contacts,Male Crimp terminal |                                                                                                                       |
| GENERAL TOLERANCE |       | UNITS      | mm     | KLS P/N:                                                          | L-KLS1-HQ-007-0MC                                                                                                     |
| x.x               | ±0.30 | SHEET SIZE | A4     |                                                                   |  NingBo KLS ELECTRONIC CO.,L TD. |
| x.xx              | ±0.20 | Draw:      | WuHao  | 2025-05-09                                                        |                                                                                                                       |
| x.xxx             | ±0.10 | Check:     | Daniel | 2025-05-09                                                        |                                                                                                                       |