

Technical characteristics:

Specifications

DIN EN 60 684-1

DIN EN 61 984

Inserts

Number of contacts: 4/8+PE

Power Area:

1. Rated Current: 80A

2. Rated Voltage: 830V

3. Pollution degree: 3

4. Rated impulse voltage: 8kV

Signal Area:

1. Rated Current: 16A

2. Rated Voltage: 400V

3. Pollution degree: 3

4. Rated impulse voltage: 6kV

5. Rated voltage acc. to UL/CSA: 900V/900V

6. Insulation resistance: $\geq 10^9 \Omega$

7. Material: Polycarbonate

8. Limiting temperatures: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

9. Flammability acc. to UL94: V0

10. Mechanical working life (mating cycles): ≥ 500

Contacts:

Power Area:

Terminal: Screw terminal

1. Material: Copper alloy

2. Surface: hard-silver plated

3. Contact resistance: $\leq 0.3\text{m}\Omega$

4. Wire gauge: 1.6-16mm² (16-6AWG)

5. Tightening Torque

mm² 1. 5 2. 5 4 6 10 16

Nm 1. 2 2 3 3 3 3

6. Stripping length: 14mm

Signal Area

1. Material: Copper alloy

2. Surface: hard-silver plated

3. Contact resistance: $\leq 1\text{m}\Omega$

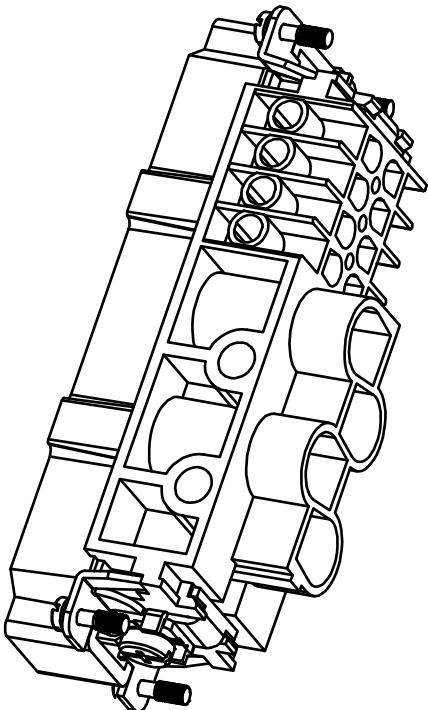
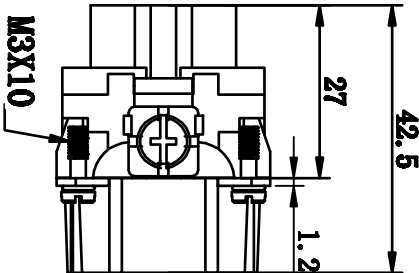
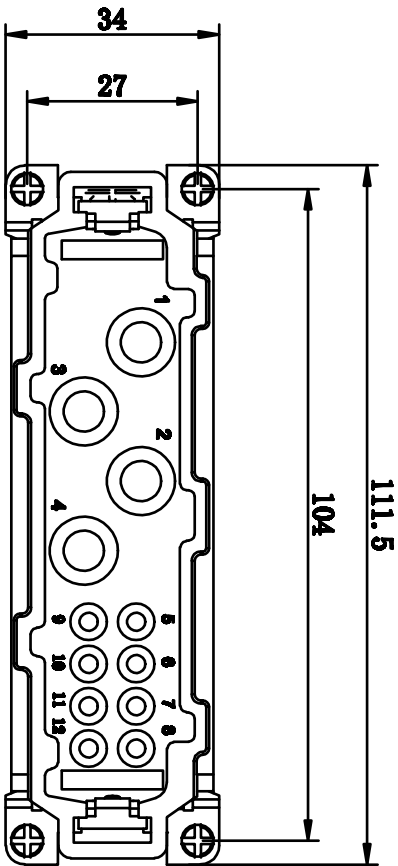
4. Terminal: Screw terminal

5. Wire gauge: 0.6-2.5mm² (20-14AWG)

6. Stripping length: 7.5mm

7. Tightening Torque: 0.5Nm

8. RoHS Compliance



ITEM	NAME OF PART	NO. OF PART	Q'TY	MATERIAL	NOTE
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DWG.	S.W.L	DATE	2.3.12.8	UNITS	MM	SHEET/OF	1 / 1
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CHK.	DATE	SCALE	1 : 1	A4	
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APP.	DATE	NAME	ULO-HD07-HK-004/8-M
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