

REV		E.C.N NO.	CONTENT	CHK	DATE

Technical characteristics:
Specifications
DIN EN 60 664-1
DIN EN 61 984

Inserts

Number of contacts: 12/2+PE

Power Area:

- 1. Rated Current: 40A
- 2. Rated Voltage: 690V
- 3. Pollution degree: 3
- 4. Rated impulse voltage: 8kV

Signal Area:

- 1. Rated Current: 10A
- 2. Rated Voltage: 250V
- 3. Pollution degree: 3
- 4. Rated impulse voltage: 4kV
- 5. Rated voltage acc. to UL/CSA: 600V/300V
- 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:

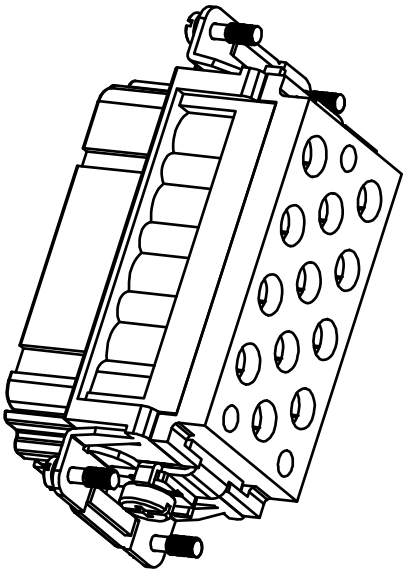
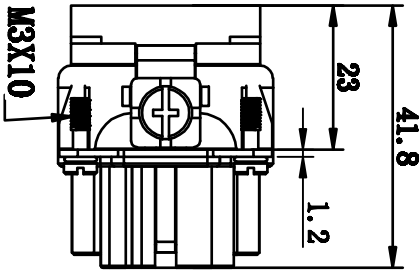
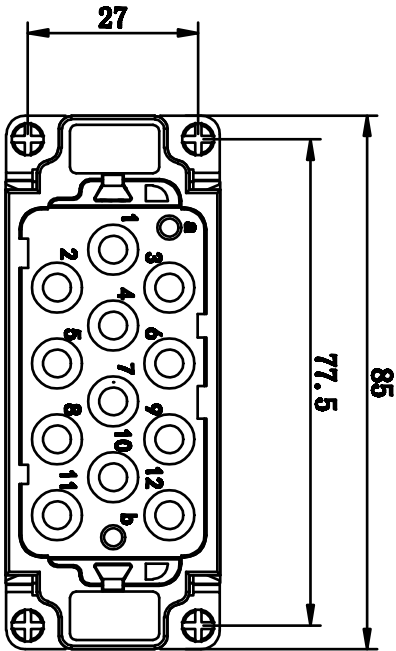
Terminal: Crimp terminal

Power Contacts

- 1. Material: Copper alloy
- 2. Surface: hard-silver/gold plated
- 3. Contact resistance: $\leq 1\text{m}\Omega$
- 4. Wire gauge: 1.5-6mm² (16-10AWG)

Signal Contacts

- 1. Material: Copper alloy
- 2. Surface: hard-silver plated
- 3. Contact resistance: $\leq 3\text{m}\Omega$
- 4. Wire gauge: 0.14-2.5mm² (26-14AWG)
- 5. RoHS Compliance



ITEM	NAME OF PART	NO. OF PART	Q'TY	MATERIAL	NOTE
DWG.	S/W/L	DATE	23.12.8	MM	SHEET/OF 1 / 1
CHK.	DATE	SCALE	1 : 1	A4	
APP.	DATE	NAME	ULO-HD07-HK-012/2-FC		
 NINGBO ULO ELECTRONICS CO.,LTD. 宁波欧路电子有限公司			DWGNO.		