

Material:

Housing: Polycarbonate, UL 94 V-0

Colour:RAL 7032 (Light grey)

Contacts: Brass, Hard-silver plated

Wire gauge:

Power arera: $1.5 \sim 16 \text{ mm}^2$ / $16 \sim 6 \text{ AWG}$

Signal arera: $0.5 \sim 2.5 \text{ mm}^2$ / $20 \sim 14 \text{ AWG}$

Tightening torque:

Power area:

 $mm^2: 1.5 \quad 2.5 \quad 4 \quad 6 \quad 10 \quad 16$

N.m:1.2 2 3 3 3 3

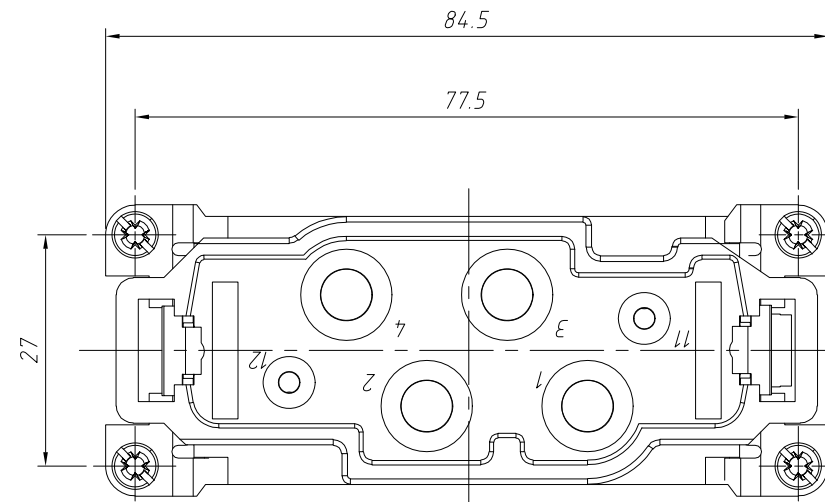
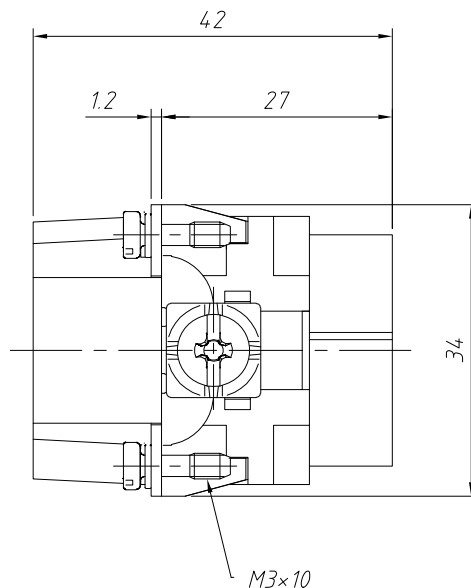
Signal contacts: 0.5N.m

Stripping length:

Power contact: 14mm

Signal contacts: 7.5mm

Terminal:screw terminal



Electrical Characteristics:

Number of contacts: $4/2 + PE$

Power Area:

Rated Current: 80A

Rated Voltage: 830V

Rated Impulse Voltage: 8KV

Signal Area:

Current Rated: 16A

Voltage Rated: 400V

Rated Impulse Voltage:6KV

Pollution Degree:3

Rated voltage acc.to UL /CSA:600V/300V

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

Contact resistance:

Power contacts: 0.3 mΩ Max

Signal contacts: 1 mΩ Max

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

Mating cycles:500 Times Min

Order Information:

L-KLS1-HK-004-2 M

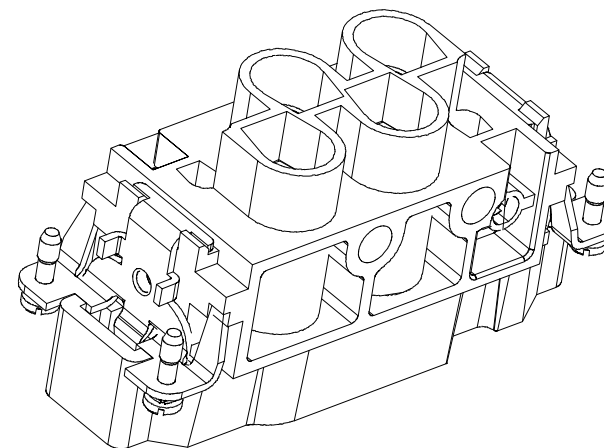
L:RoHS-

HK series:

No of contacts-

Type:

Male screw terminal



ANGLE TOLERANCE		PROJECTION		Description:		
±3°				Heavy Duty Connectors,HK series 4+2 Contacts,Male screw terminal		
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-HK-004-2M	
x.x	±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.	
x.xx	±0.20	Draw:	WuHao			2025-05-14
x.xxx	±0.10	Check:	Daniel			2025-05-14