

Material:

Housing: Polycarbonate, UL 94 V-0

Colour:RAL 7032 (Light grey)

Contacts: Copper Alloy, 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: $4/8+PE$

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/600V

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

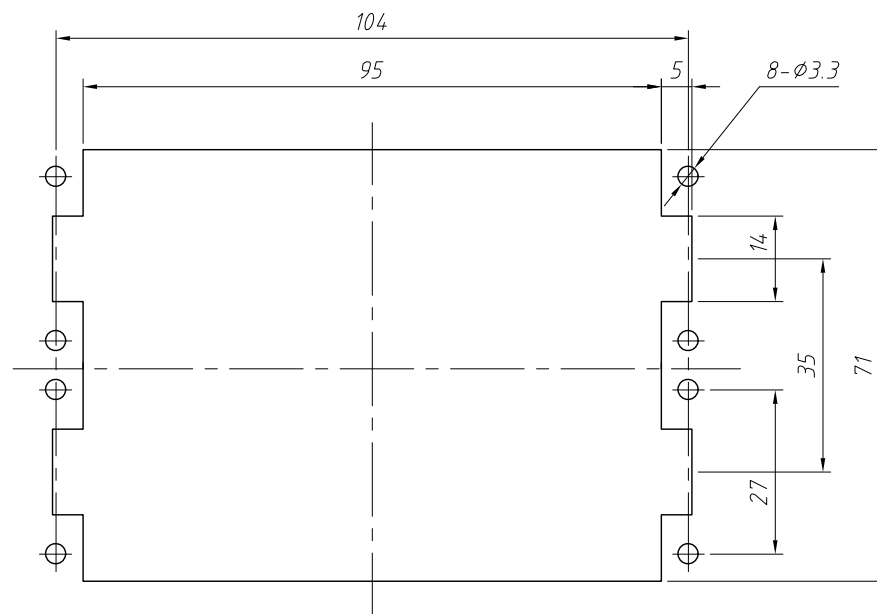
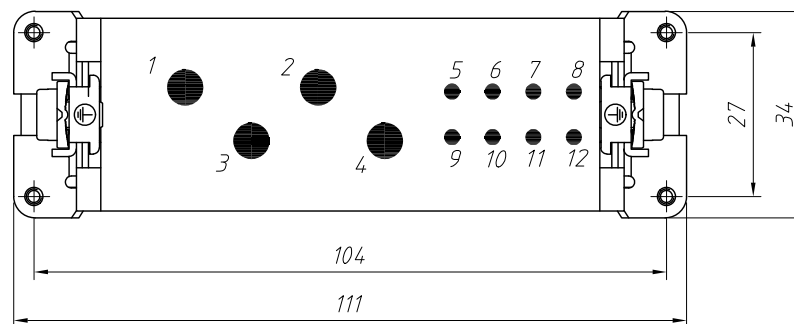
Contact resistance:

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



Panel Cut Out

Order Information:

L-KLS1-HK-004-8 F

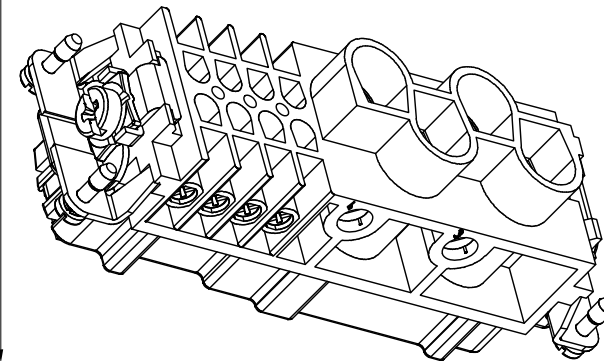
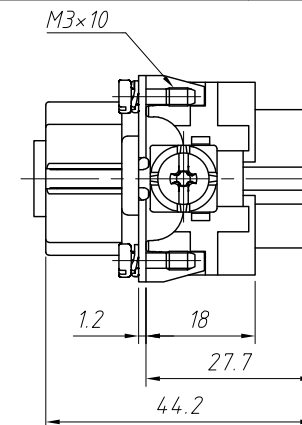
L:RoHS—

HK series-

No of contacts-

Type: .

Female screw terminal



ANGLE TOLERANCE		PROJECTION		Description:	
±3°				Heavy Duty Connectors, HK series 4+8 Contacts, Female screw terminal	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS1-HK-004-8F
x.x	±0.30	SHEET SIZE	A4		 NingBo KLS ELECTRONIC CO., L TD.
x.xx	±0.20	Draw:	WuHao	2025-05-19	
x.xxx	±0.10	Check:	Daniel	2025-05-19	