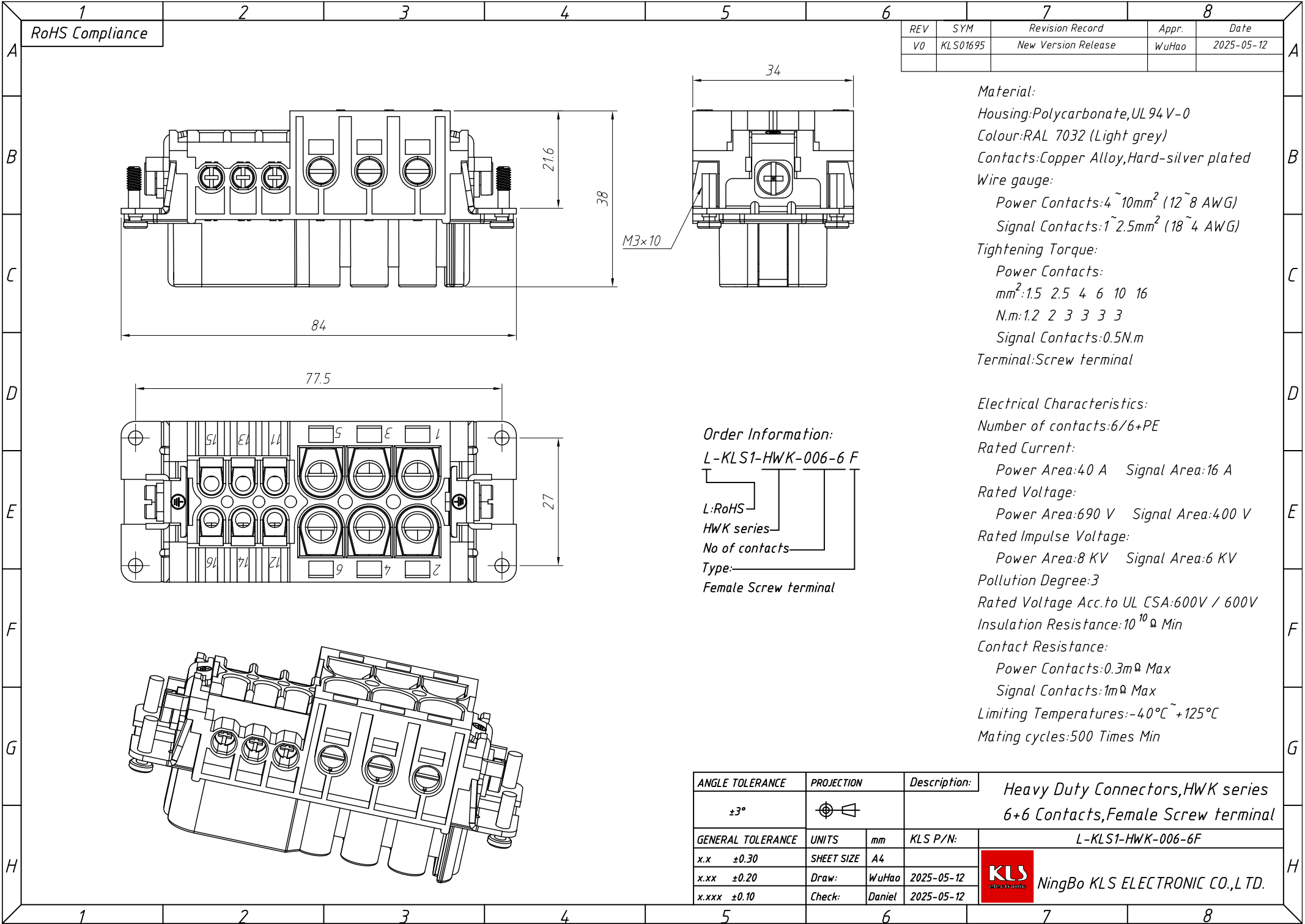




1
RoHS Compliance

7		8	
REV	SYM	Revision Record	Appr. Date
V0	KLS01695	New Version Release	WuHao 2025-05-12

Material:
Housing:Polycarbonate,UL 94 V-0
Colour:RAL 7032 (Light grey)
Contacts:Copper Alloy,Hard-silver plated
Wire gauge:
Power Contacts:4 ~10mm² (12 ~8 AWG)
Signal Contacts:1 ~2.5mm² (18 ~4 AWG)
Tightening Torque:
Power Contacts:
mm²:1.5 2.5 4 6 10 16
N.m:1.2 2 3 3 3 3
Signal Contacts:0.5N.m
Terminal:Screw terminal

Order Information:
L-KLS1-HWK-006-6 F
L:RoHS
HWK series
No of contacts
Type:
Female Screw terminal

Electrical Characteristics:
Number of contacts:6/6+PE
Rated Current:
Power Area:40 A Signal Area:16 A
Rated Voltage:
Power Area:690 V Signal Area:400 V
Rated Impulse Voltage:
Power Area:8 KV Signal Area:6 KV
Pollution Degree:3
Rated Voltage Acc.to UL CSA:600V / 600V
Insulation Resistance:10¹⁰Ω Min
Contact Resistance:
Power Contacts:0.3mΩ Max
Signal Contacts:1mΩ Max
Limiting Temperatures:-40℃ ~ +125℃
Mating cycles:500 Times Min

ANGLE TOLERANCE		PROJECTION	Description:	
±3°			Heavy Duty Connectors,HWK series 6+6 Contacts,Female Screw terminal	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:
x.x	±0.30	SHEET SIZE	A4	L-KLS1-HWK-006-6F
x.xx	±0.20	Draw:	WuHao	2025-05-12
x.xxx	±0.10	Check:	Daniel	2025-05-12

NingBo KLS ELECTRONIC CO.,LTD.