RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01011	New Version Release	WuHao	2025-06-13

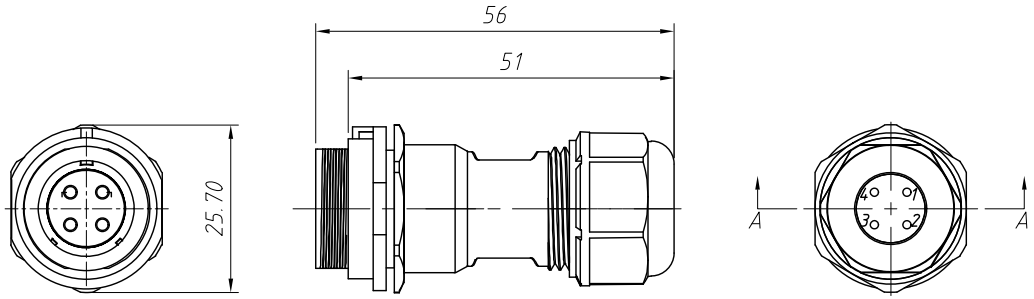
Solder contact arrangement and spec

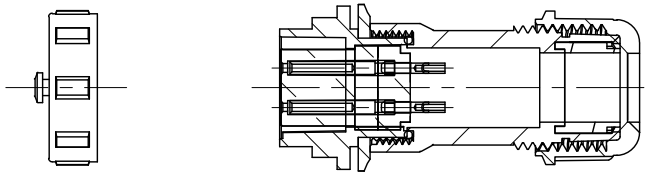
Number of contact	2	3	4	5	6	7	8	9
Male contact face view								
Rated current (A)	10A	10A	5A	5A	5A	5A	5A	5A
Contact diameter	Ø1.5×2	Ø1.5×3	Ø1.0×4	Ø1.0×5	Ø1.0×6	Ø1.0×7	Ø1.0×8	Ø1.0×9
Rated voltage(AC.V)	500V	500V	500V	500V	400V	400V	400V	400V
Test voltage(AC.V) 1 min	1500V	1500V	1500V	1500V	1500V	1200V	1500V	1200V
Contact resistance mΩ	2.5	2.5	5	5	5	5	5	5
Wire size solder mm^2/AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18	≤0.785/18

Order Information:

L-KLS15- W17 A4- xx

- L: RoHS
- IP68 Connectors
- Female Plug for cable
- Number of poles:
- 02~09 poles





SECTION A-A

Material & SPEC.

1.Shell Material:	PPO,PA66 UL94V-0
2.Insulation Materials:	PPS, High Temperature 260°C
3.Contact:	Brass,Gold-plated
4.Insulation resistance:	2000MΩ
5.Number of poles:	2~9 poles
6.Coupling:	Threaded
7.Termination:	Solder
8.Cable outer Diameter:	6~10mm
9.IP Rating:	IP68
10.Durability:	500 mating cycles
11.Temperature Range:	-25°C~+80°C

ANGLE TOLERANCE	PROJECTION		Description:	
±3°			IP68 W17 CONN,Female Plug for cable,Solder	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS15-W17A4-xx
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2025-06-13	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2025-06-13	