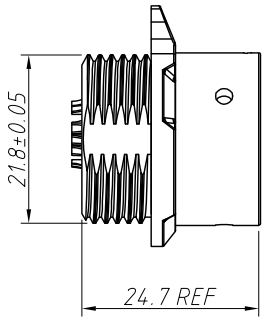
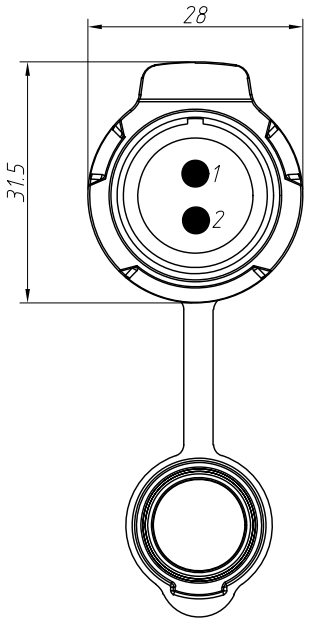
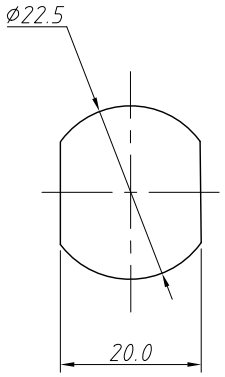
RoHS Compliance

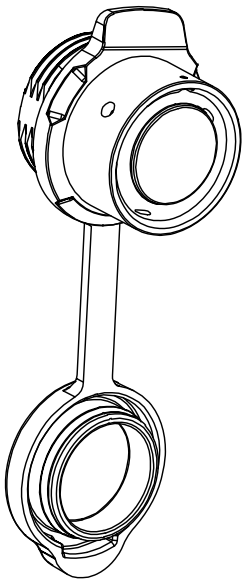
REV	SYM	Revision Record	Appr.	Date
V0	KLS15032	New Version Release	WuHao	2025-01-09
V1.0	KLS15032	Other Change	WuHao	2026-09-16





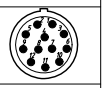


Mounting Dimension



Material:
Insulated Plastic Core:PA6+30%G.F
Housing Socket:Zinc Alloy
Waterproof Cover:Silica Gel

Electrical:
Coupling:Push-Pull Self-Locking
Termination:Solder
Cable Outer Diameter:5~12mm
IP Waterproof Grade:IP68
Temp. Range:-25°C~+80°C

Number Of Contact	02	03	04	05	07	09	12
Male Contact Face View							
Rated Current (A)	20A	20A	20A	10A	10A	5A	5A
Contact Diameter	ϕ2.7×2	ϕ2.7×3	ϕ2.7×4	ϕ1.8×5	ϕ1.8×7	ϕ1.0×9	ϕ1.0×12
Rated Voltage (AC.V)	500V	500V	500V	250V	250V	250V	250V
Test Voltage (AC.V) 1Min	1500V	1500V	1500V	1500V	1500V	1500V	1500V
Contact Resistance mΩ	1	1	1	2.5	2.5	5	5
Wire Size Soler mm^2/AWG	≤2.5/13.6	≤2.5/13.6	≤2.5/13.6	≤1.5/15	≤1.5/15	≤1.0/18	≤1.0/18

Order Information

L-KLS15-282-M20-xx M2

- RoHS
- Pos No.
- Thread Specification:M20
- No. of Pins (02~12)
- Type Ordering

ANGLE TOLERANCE	PROJECTION		Description:	
±1.5°			IP68 Waterproof Circular Connectors	
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS15-282-M20-xxM2
x. ±0.20	SHEET SIZE	A4		
x.x ±0.10	Draw:	WuHao	2025-01-09	NingBo KLS ELECTRONIC CO.,LTD.
x.xx ±0.05	Check:	Daniel	2025-01-09	