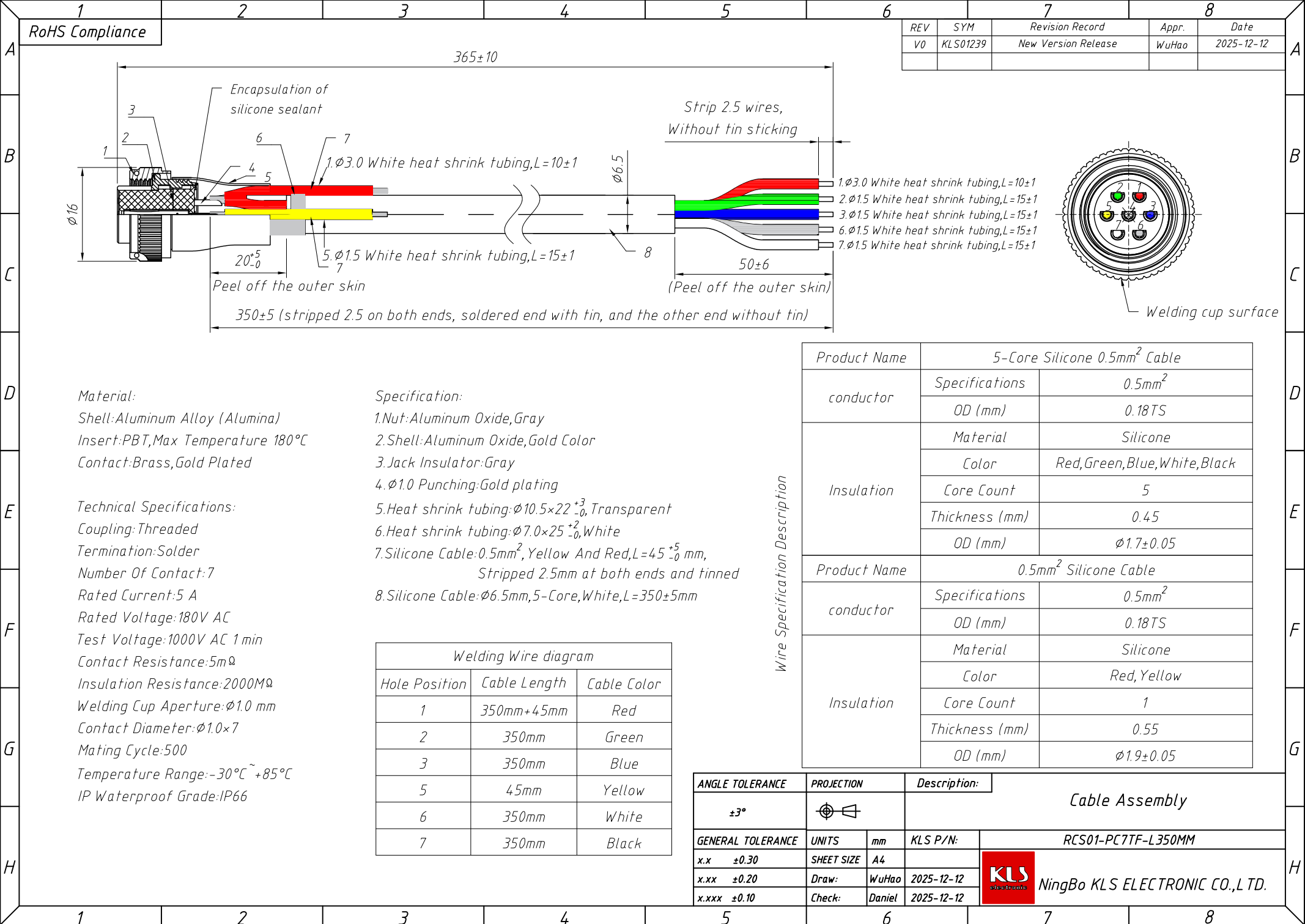




RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01239	New Version Release	WuHao	2025-12-12

Material:
Shell: Aluminum Alloy (Alumina)
Insert: PBT, Max Temperature 180°C
Contact: Brass, Gold Plated

Technical Specifications:
Coupling: Threaded
Termination: Solder
Number Of Contact: 7
Rated Current: 5 A
Rated Voltage: 180V AC
Test Voltage: 1000V AC 1 min
Contact Resistance: 5mΩ
Insulation Resistance: 2000MΩ
Welding Cup Aperture: 1.0 mm
Contact Diameter: 1.0x7
Mating Cycle: 500
Temperature Range: -30°C ~ +85°C
IP Waterproof Grade: IP66

Specification:
1. Nut: Aluminum Oxide, Gray
2. Shell: Aluminum Oxide, Gold Color
3. Jack Insulator: Gray
4. 1.0 Punching: Gold plating
5. Heat shrink tubing: 10.5x22 ±0.3, Transparent
6. Heat shrink tubing: 7.0x25 ±0.2, White
7. Silicone Cable: 0.5mm², Yellow And Red, L=45 ±0.5 mm,
Stripped 2.5mm at both ends and tinned
8. Silicone Cable: 6.5mm, 5-Core, White, L=350±5mm

Wire Specification Description

Product Name	5-Core Silicone 0.5mm² Cable	
conductor	Specifications	0.5mm²
	OD (mm)	0.18TS
Insulation	Material	Silicone
	Color	Red, Green, Blue, White, Black
	Core Count	5
	Thickness (mm)	0.45
	OD (mm)	1.7±0.05
Product Name	0.5mm² Silicone Cable	
conductor	Specifications	0.5mm²
	OD (mm)	0.18TS
Insulation	Material	Silicone
	Color	Red, Yellow
	Core Count	1
	Thickness (mm)	0.55
	OD (mm)	1.9±0.05

ANGLE TOLERANCE	PROJECTION	Description:	Cable Assembly	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	RCS01-PC7TF-L350MM
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2025-12-12	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2025-12-12	