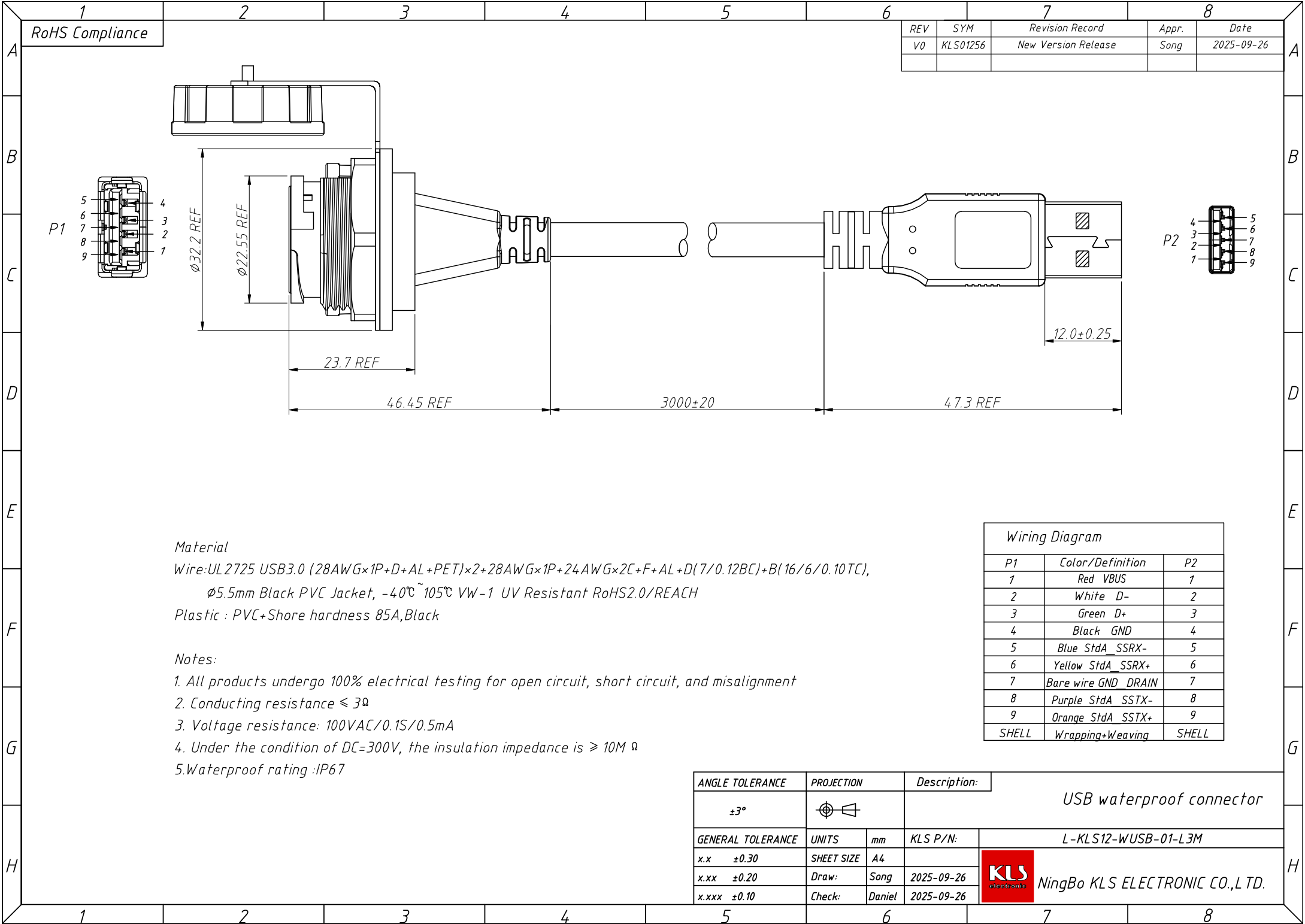




1
RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS01256	New Version Release	Song	2025-09-26

Material

Wire:UL2725 USB3.0 (28AWG×1P+D+AL+PET)×2+28AWG×1P+24AWG×2C+F+AL+D(7/0.12BC)+B(16/6/0.10TC),
 φ5.5mm Black PVC Jacket, -40℃~105℃ VW-1 UV Resistant RoHS2.0/REACH
Plastic : PVC+Shore hardness 85A,Black

Notes:

- 1. All products undergo 100% electrical testing for open circuit, short circuit, and misalignment
- 2. Conducting resistance ≤ 3Ω
- 3. Voltage resistance: 100VAC/0.1S/0.5mA
- 4. Under the condition of DC=300V, the insulation impedance is ≥ 10M Ω
- 5. Waterproof rating :IP67

Wiring Diagram		
P1	Color/Definition	P2
1	Red VBUS	1
2	White D-	2
3	Green D+	3
4	Black GND	4
5	Blue StdA SSRX-	5
6	Yellow StdA SSRX+	6
7	Bare wire GND DRAIN	7
8	Purple StdA SSTX-	8
9	Orange StdA SSTX+	9
SHELL	Wrapping+Weaving	SHELL

ANGLE TOLERANCE		PROJECTION		Description:	
±3°				USB waterproof connector	
GENERAL TOLERANCE		UNITS	mm	KLS P/N:	L-KLS12-WUSB-01-L3M
x.x	±0.30	SHEET SIZE	A4		NingBo KLS ELECTRONIC CO.,L TD.
x.xx	±0.20	Draw:	Song	2025-09-26	
x.xxx	±0.10	Check:	Daniel	2025-09-26	