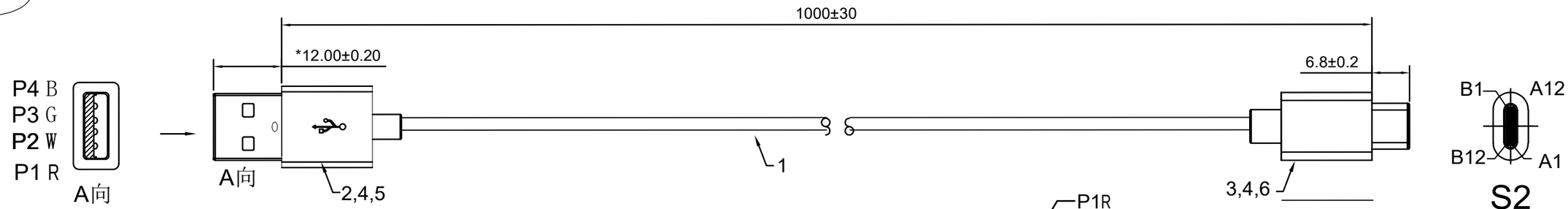
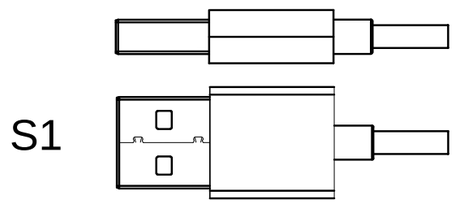
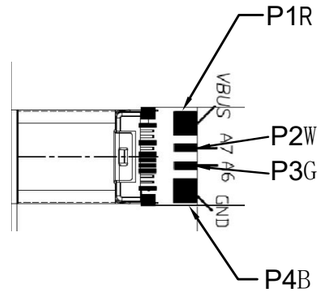
ROHS



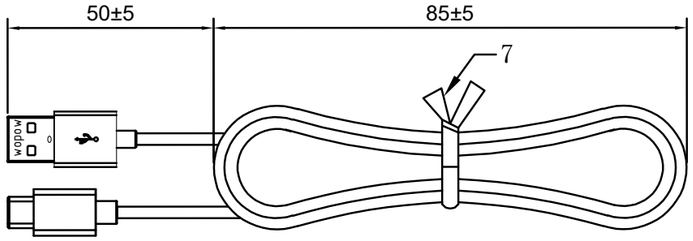


Connect method

S1	Color	S2
P1	Red(vbus)	P1
P2	White(D-)	P2
P3	Green(D+)	P3
P4	Black(GND)	P4



TYPE C Welding Point Layout



Remarks:
Performance Requirements
100% testing for continuity, short circuit, open circuit and misalignment
Continuity resistance: ≤ 3Ω
Insulation impedance: ≥ 5MΩ at DC 300V
100% double-sided data download function testing of finished products with real equipment
Wire Swing Test
Load weight: 200g; Swing angle: ±60°; Swing frequency: 30 cycles/min.
Continuity testing shall be performed after 1,000 cycles of swing.
Terminal Salt Spray Test
The test duration shall be no less than 24 hours and the terminal shall pass the test.
Insertion and Extraction Test
The number of test cycles shall be no less than 3,000.
Packaging Requirements
Specific requirements are detailed in the Work Instruction.
Dimensions marked with an asterisk (*) are key controlled dimensions.

Part：1M Length, 4 core, date Cable

No.	Meterial	Description	QTY	
7	Tie	60mm White Oval Cable Tie with Steel Core	1	
6	White TYPE-C Housing	L16W10.3T5.6, PBT Material, UL94-V2 Rated, No Printing	1	
5	USB Housing	White USB A/M Housing, 14.6×7.0×T1.3, PBT Material, UL94-V2 Rated, Black USB Logo, Silk-screen Printed	1	
4	Rubber Material	TPE 85A XG1015, White Plug-Specific Compound, ROHS & REACH Compliant	6.5g	
3	TYPE C	USB 2.0 TYPE-C Nickel-Plated White Plastic Core Clamp Type (with 5.6kΩ Resistor PCB Board), Gold-Plated GF Terminals, Stainless Steel Housing, RoHS Compliant	1	
2	USB A-M	USB 4P Type-A (Male) Short-body (One-piece Wire-soldering Type), White Plastic Core, 1μm Gold-plated Pins, Nickel-plated Hornless Steel Shell, 24-hour Salt Spray Resistant, RoHS Compliant	1	
1	Wire	24AWG (43/0.08 STCU + 250D) × 2C + 28AWG (16/0.08 STCU + 250D) × 2C; 24AWG × 2C: Insulation Diameter (ID) = 0.90±0.03 mm; Core Colors: Red, Black; Insulation Material: PP+EVA;28AWG × 2C: Insulation Diameter (ID) = 0.75±0.03 mm; Core Colors: White, Green; Insulation Material: PP+EVA Outer Jacket: Outer Diameter (OD) = 3.0±0.1 mm; Material: TPE 75A (White, Semi-matte Finish); Length (L) = 1485±3 mm	1	

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Tel:

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Drawn	CHC	Date	2024-11-19	A0
Check	LIKE	Date	2024-11-19	
Approved	WSR	Date	2024-11-19	