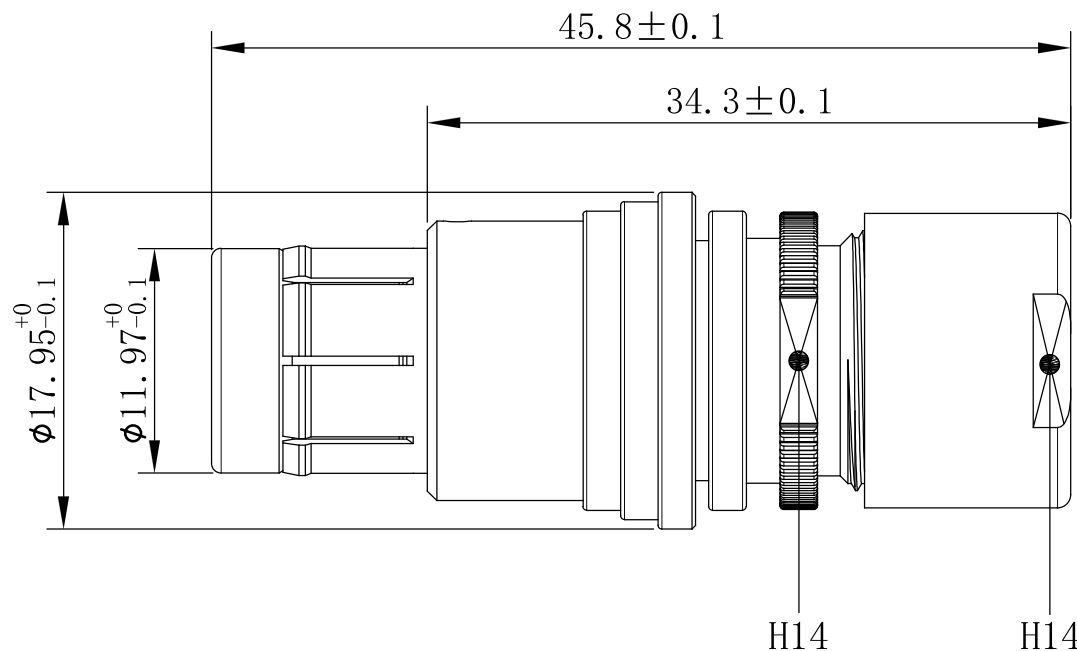
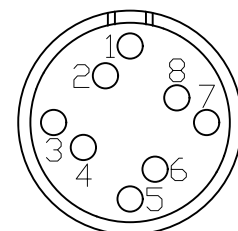


REV.	ECN. NO.	APPD.
A	WL-21-006	Jerry zhang



Pin header soldering end  
Soldering sequence diagram



**Structural Materials:**

Shell Material: Copper alloy with pearl chromium plating  
 Insulating Material: PPS (Polyphenylene Sulfide)  
 Compatible Wire Gauge: φ5.0-φ9.0  
 Pin Material: Copper alloy with gold plating  
 Number of Pins: 8 pins  
 Pin Specifications: φ0.7

**Electrical Characteristics:**

Data Transmission Rate: Gigabit Ethernet  
 Test Voltage: 1350V (AC)  
 Insulation Resistance: > 5000MΩ  
 Contact Resistance: 8mΩ  
 Rated Current: 8A  
 Shielding Effectiveness: > 75dB at 10MHz  
 Shielding Effectiveness: > 40dB at 1GHz

**Mechanical and Environmental Characteristics:**

Insertions/Uninsertions: > 5000 cycles  
 Operating Temperature: -40°C ~ +150°C  
 Vibration Resistance: 10~2000Hz, 15g  
 Shock Resistance: 100g, 6ms  
 Salt Spray Corrosion Test: 144 hours  
 Protection Level: (when mated) IP68

IDEAS GENERATED DRAWING. DON'T CHANGE BY HAND.

x.±	x.±	UNITS mm	NAME(INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.x± 0.8	.x'±	MAT'L	2X 8-pin vertical pin header	
.xx± 0.50	.xx'±	SEE NOTES	PART NO.(INTENDED USE)	TITLE: CONN DRAWING
.xxx±	.xxx'±	FINISH	WLES13-7302	DWG NO.: WLES13-7302-0195
		Q'TY	APPD: Yuan. wu 03/14'21	
			CHKD: Lei. wang 03/15'21	
			DRAW: Min. sun 03/16'21	
				SCALE: N/A
				SHEET: 1/1
				REV: A