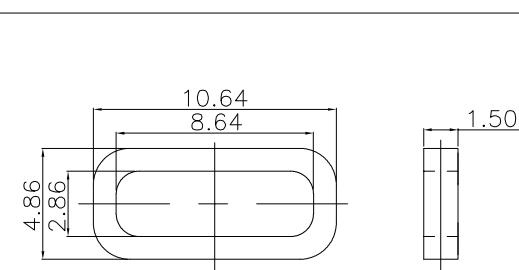


A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

## SPECIFICATION:

- 1、ELECTRICAL:  
1.1 CURRENT RATING:5A;  
1.2 CONTACT RESISTANCE:40mΩ Max;  
1.3 DIELECTRIC WITHSTANDING VOLTAGE:100V AC;  
1.4 INSULATION RESISTANCE:100 MΩ MIN;
- 2、MECHANICAL;  
2.1 MATING FORCE:5~20N;  
2.2 UNMATING FORCE:8~20N;  
2.3 DURABILITY:10000 CYCLES;6~20N AFTER DURABILITY TEST;
- 3、MATERIAL:  
3.1 OUTER COVER: PA9T UL94V-0 BLACK;  
3.2 BODY HOUSING: LCP UL94V-0 BLACK;  
3.3 TERMINAL:C7025 T=0.15mm;  
3.4 SHELL:SUS304 T=0.30mm;  
3.5 MID PLATE:SUS304 T=0.15mm;  
3.6 WATERPROOF GLUE:EPOXY RESIN
- 4、PLATING SPECIFICATION:  
4.1 TERMINAL:CONTACT AREA GOLD PLATED 3μ "MIN PIN WELDING AREA GOLD PLATED 1μ" MIN.  
4.2 SHELL:PLATED Ni 60μ" MIN(Salt spray 48H)  
4.3. MID PLATE:CLEAR ONLY
- 5、ELECTROPLATED PRODUCTS NEED TO UNDERGO TIN ADHESION TESTING: THE TIN ADHESION AREA SHOULD REACH OVER 95%.
- 6、SMT REFLOW SOLDERING (PEAK VALUE 260 °C ± 5 °C)  
SHALL BE FREE OF BLISTERING, GLUE MELTING AND POOR COLOR CHANGE (DEFORMATION WITHIN TOLERANCE)
- 7、OPERATING TEMPERATURE: -40°C~+85°C
- 8、WATER PROOFNESS:THIS PRODUCTIS BASED ON IPX7.



防水圈

APPROVALS		DATE	
DRAWN	LIUCAN	2022.11.16	
CHECKED			TITLE: USB CONNECTOR
APPROVALS			PART NO. TYPE-C-31-E-19
TOLERANCES ARE		30~以上 ±0.30 10~30 ±0.25 5~10 ±0.20 ~ 5 ±0.15	ANGLE ±2°
ECN NO.		REV.	DATE.
NEW		CHANGE.	CHECK.
DESCRIPTION.		APPRO.	DRAWING NO.
SCALE: 1:1		PROJ:	SHEET 1 OF 1