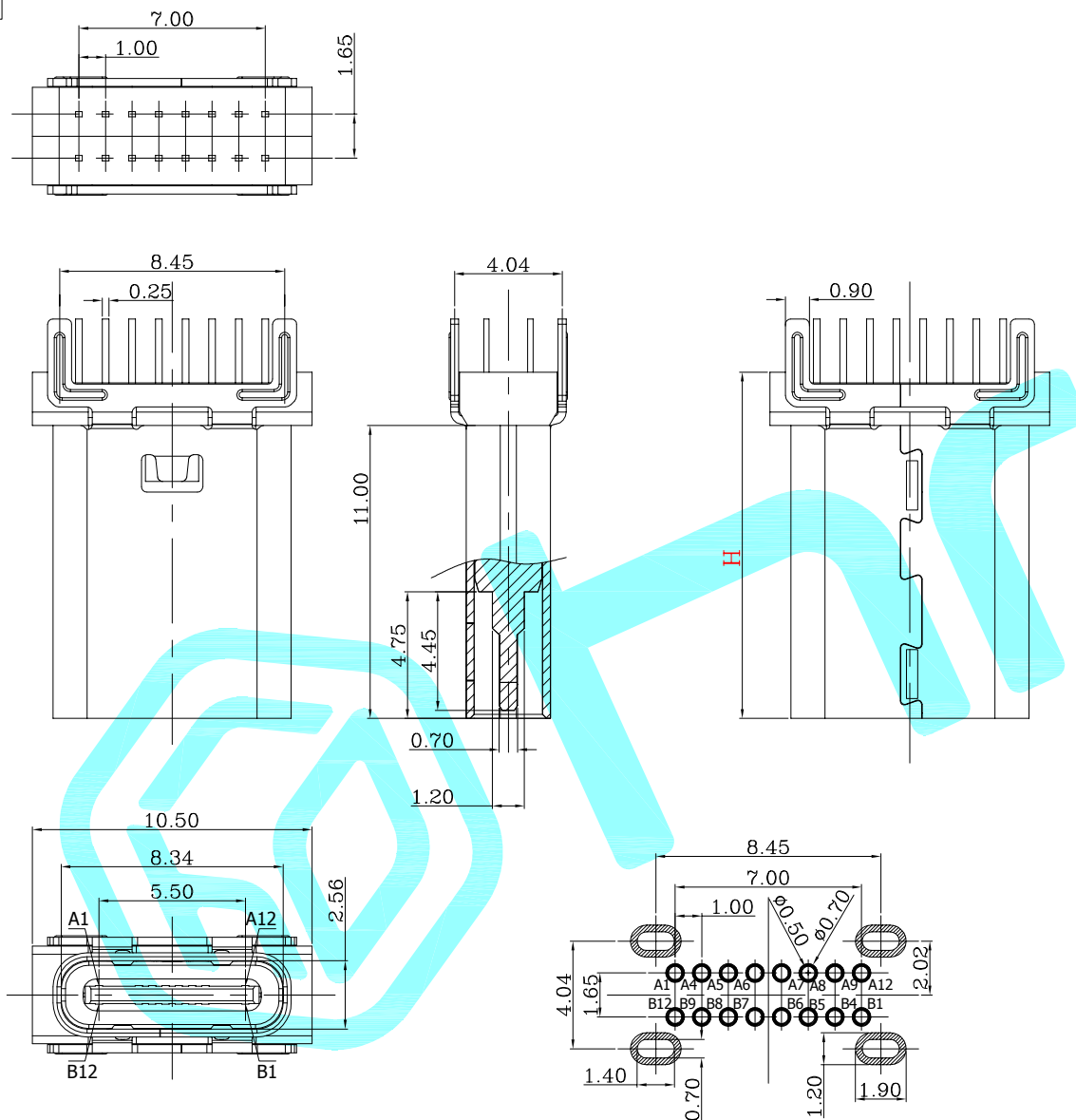




RECOMMENDED P.C.B. LAYOUT (俯视图)
TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$

NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING: LCP,UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
Ni 80u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH PLATING ON SOLDER AREA
 - 2-2.FRONT SHELL:
Ni 50u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING: 5A
VOLTAGE RATING: 20V
 - 4-2.INSULATION RESISTANCE: 100M Ω MIN
 - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+80°C.

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

PART NO	H
TYPE-C-31-D-18A	13.0
TYPE-C-31-D-18B	13.7
TYPE-C-31-D-18C	15.0
TYPE-C-31-D-18D	17.5
TYPE-C-31-D-18E	18.5

APPROVALS		DATE				
DRAWN	LIUCAN	2023.11.9				
CHECKED			TITLE:		USB CONNECTOR	
APPROVALS			PART NO.			
TOLERANCES ARE	30~以上	± 0.30	ANGLE	UNIT: mm	SCALE: 1:1	PROJ: 
	10~30	± 0.20				
	5~10	± 0.15	$\pm 2'$	DRAWING NO.		SHEET 1 OF 1
	~ 5	± 0.10				

	A		NEW			
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.