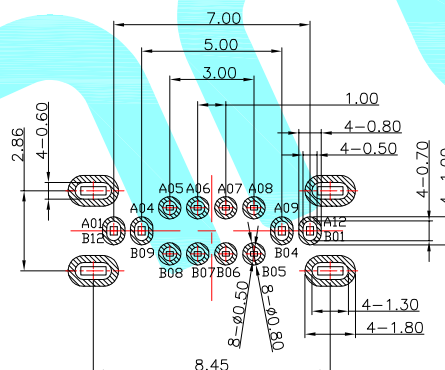
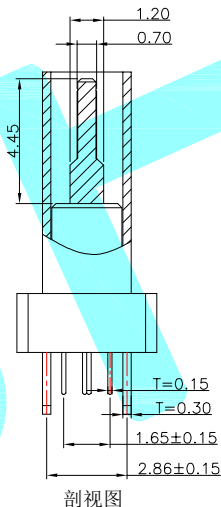
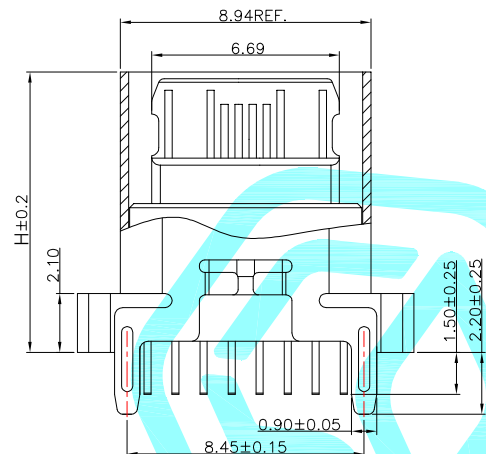
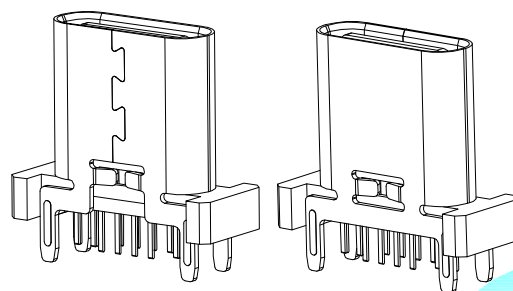
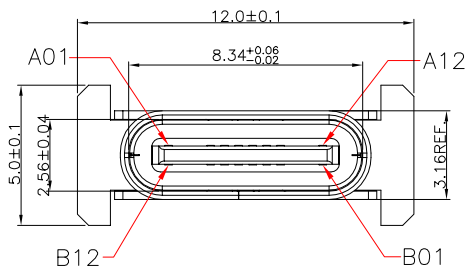


NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING: LCP/PA9T,UL94 V-0.
  - 2.CONTACTS: COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:
    - Ni 50u" 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: 100MΩ MIN
  - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -40°C~+85°C.



RECOMMENDED P.C.B. LAYOUT (俯视图)  
TOLERANCE UNSPECIFIED ±0.05mm

PART NO	H
TYPE-C-31-D-16	8.8
TYPE-C-31-D-16A	9.3
TYPE-C-31-D-16B	10.0
TYPE-C-31-D-16C	10.5
TYPE-C-31-D-16D	12.4
TYPE-C-31-D-16E	13.1
TYPE-C-31-D-16F	13.7
TYPE-C-31-D-16G	15.0
TYPE-C-31-D-16H	17.5
TYPE-C-31-D-16I	18.5

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

APPROVALS		DATE	hro®			
DRAWN	LIUCAN	2023.10.27	TITLE:	USB CONNECTOR		
CHECKED			PART NO.			
APPROVALS			UNIT: mm	SCALE: 1:1	PROJ:	
TOLERANCES ARE	30~以上 ±0.30	10~30 ±0.20	ANGLE	UNIT: mm	SCALE: 1:1	PROJ:
	5~10 ±0.15	~ 5 ±0.10	±2'	DRAWING NO.		SHEET 1 OF 1

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

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