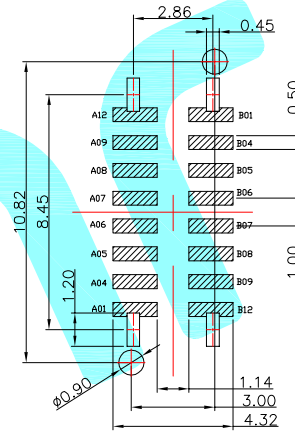
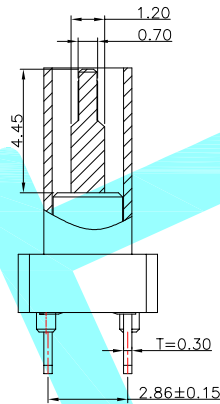
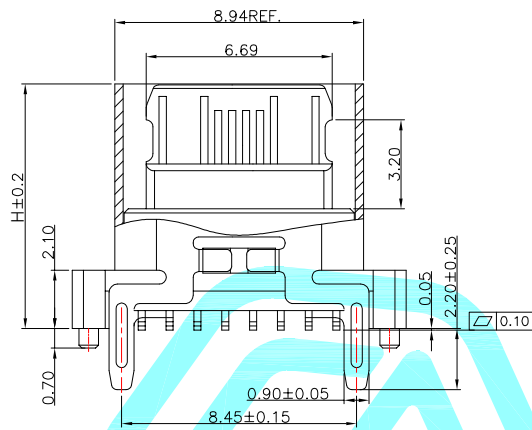
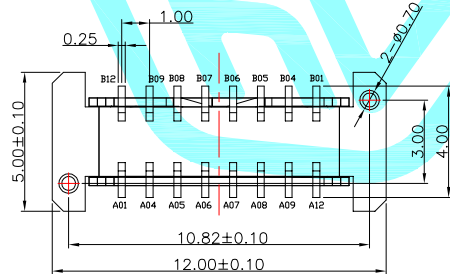


NOTE:

- 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 (T:1.00mm)  
TOLERANCE UNSPECIFIED ±0.05mm



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-15	8.8
TYPE-C-31-D-15A	9.3
TYPE-C-31-D-15B	10.0
TYPE-C-31-D-15C	10.5
TYPE-C-31-D-15D	12.4
TYPE-C-31-D-15E	13.1
TYPE-C-31-D-15F	13.7
TYPE-C-31-D-15G	15.0

APPROVALS		DATE							
DRAWN	LIUCAN	2023.10.27					TITLE:	DETECTOR SWITCHES	
CHECKED				PART NO.					
APPROVALS				TOLERANCES ARE					
		30~以上	±0.30	ANGLE					
		10~30	±0.20						
		5~10	±0.15	UNIT: mm	SCALE: 1:1				
		~ 5	±0.10	±2'	PROJ:				
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.	DRAWING NO.		SHEET 1 OF 1

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

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