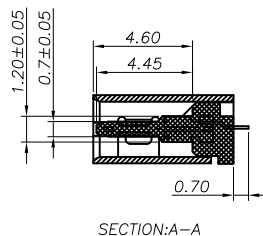
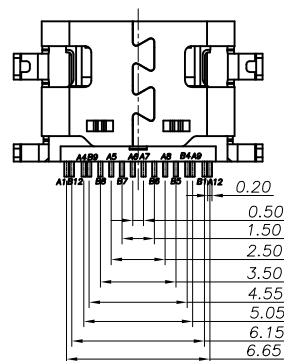
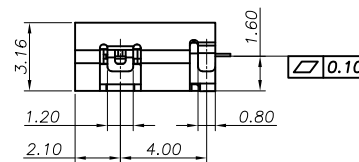
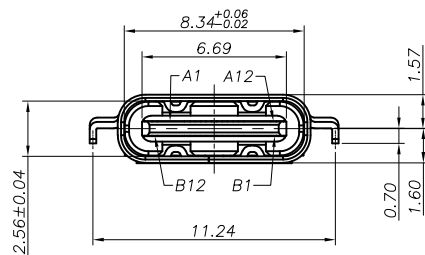
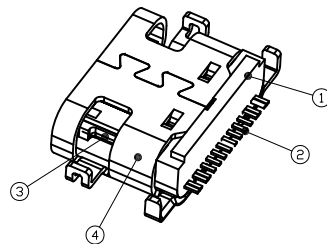
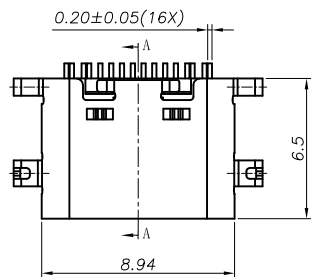


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NOTE:

- 1.MATERIAL SPECIFICATION:
  - 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - 2.CONTACTS:COPPER ALLOY
  - 3.MID PLATE: STAINLESS STEEL
  - 4.FRONT SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - GOLD FLASH PLATED ON THE FUNCTIONAL AREA OF CONTACT.
  - 2-2.FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
  - 2-3.MID PLATE:
    - CLEAR ONLY
- 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:3.0A  
VOLTAGE RATING:5.0V
  - 4-2. LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - 4-3.INSULATION RESISTANCE: 100MΩ MIN
  - 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

2

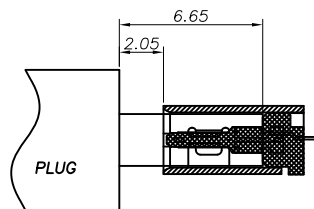
1



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AO	RELEASED	Allen	2020-12-15
REV	DESCRIPTION.	APPD.	Date

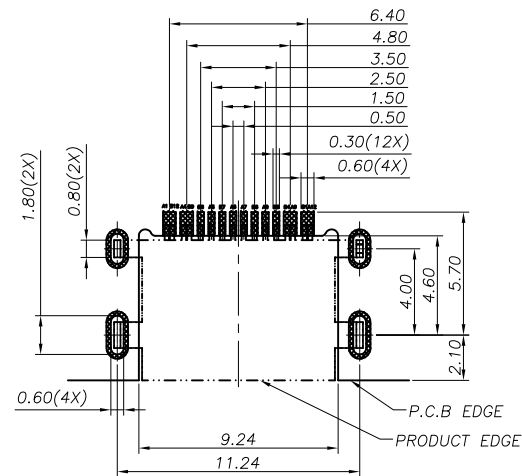
FILE NO : AUC10 ( Series)		TITLE 圖名		USB CF 16PIN (L=6.5) MID MOUNT 1.6MM		UNIT 單位	mm inch
TOLERANCE(公差): 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm		PART NO. 料號		AUC10-0116-F41-S-B		SCALE 比例	1:1
		DRAWN BY 製圖		Ben	DATE 日期	2020-12-15	REV. 版本
		CHECKED BY 審核		Allen	DATE 日期	2020-12-15	A.0



AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



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A0	RELEASED	Allen	2020-12-15
REV	DESCRIPTION.	APPD.	Date

FILE NO : AUC10 ( Series)		TITLE 圖名		USB CF 16PIN (L=6.5) MID MOUNT 1.6MM		UNIT 單位	mm inch
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