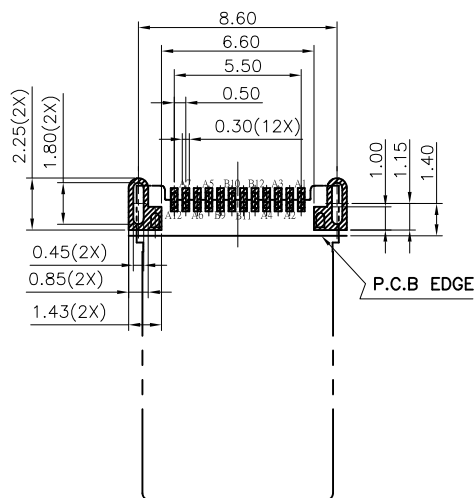
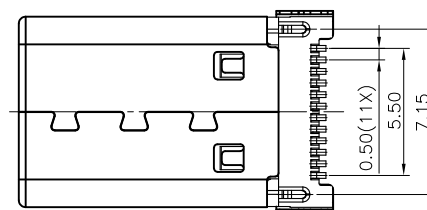
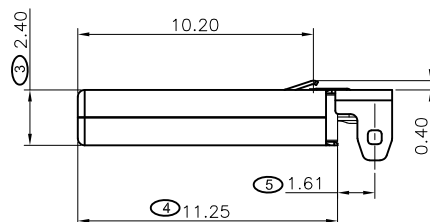
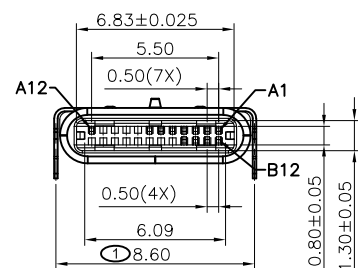
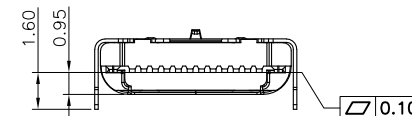


SECTION:A-A
SCALE 1:1



CONNECTOR EDGE

RECOMMENDED PCB LAYOUT(TOP VIEW)

TOLERANCE:±0.05

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
- 5.EMI PLATE: STAINLESS STEEL

2.PLATING SPECIFICATION:

- 2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

2-2.FRONT SHELL:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:

- 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: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.

* SIGN "X" IS IMPORTANCE DIMENSION

Pin Number		Pin Number	
PIN A1	GND	PIN B12	GND
PIN A2	TX1+	PIN B11	RX1+
PIN A3	TX1-	PIN B10	RX1-
PIN A4	VBUS	PIN B9	VBUS
PIN A5	CC	PIN B8	--
PIN A6	D+	PIN B7	--
PIN A7	D-	PIN B6	--
PIN A8	--	PIN B5	--
PIN A9	--	PIN B4	--
PIN A10	--	PIN B3	--
PIN A11	--	PIN B2	--
PIN A12	GND	PIN B1	--

KEM 奇速科技有限公司
Qi-Speed Technology CO., LTD.

產品名稱:
PRODUCT NAME

USB CM 90度SMT 12PIN不銹鋼壳DIP
黑色LCP料磷銅1U成品

單位: mm	繪圖	設計	審核	核准	料號:KUSBC021-M001
比例:	DRAWING	DESIGNED	CHECKED BY	APPROVAL BY	PART NUMBER
公差: .X ±0.38 .XX ±0.25 .XXX ±0.13	JOHNY	JOHNY	LUKE	JAMES	圖號:KUSBC021-M001-1 DRAWING NO
日期: 2022/6/10					版本: REV. 0