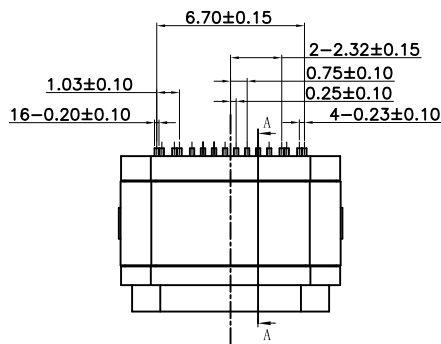
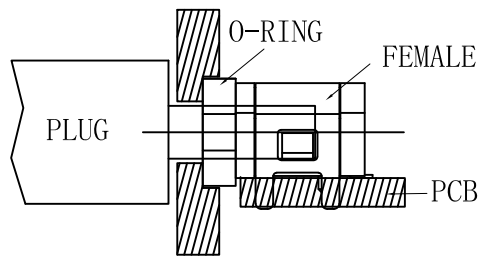
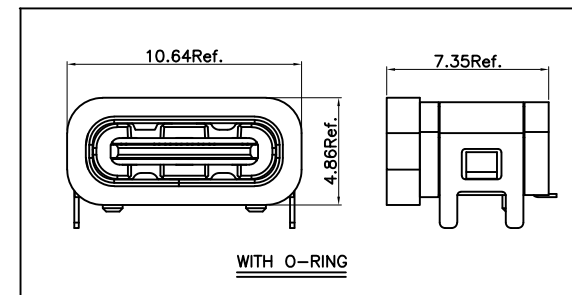


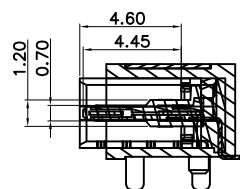
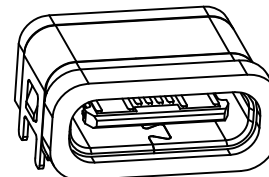
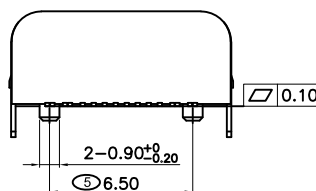
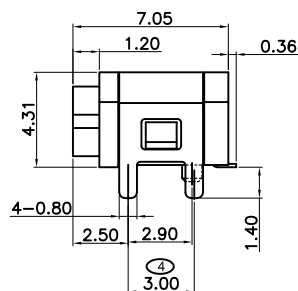
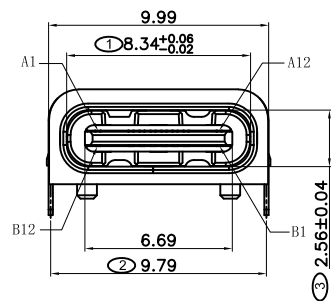
AFTER MATING



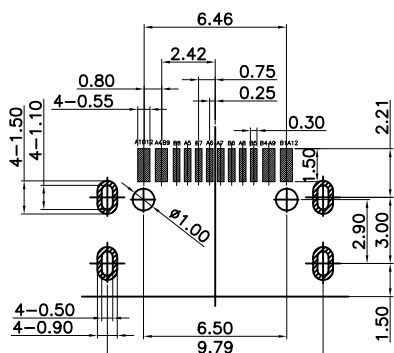
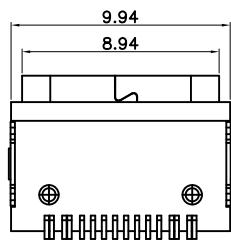
組裝面板防水示意图



WITH O-RING



SECTION:A-A



RECOMMENDED P.C.B. LAYOUT
TOLERANCE UNSPECIFIED ±0.05mm

NOTE:

- 1.MATERIAL SPECIFICATION:
1.HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
2.COVER: STAINLESS STEEL.
3.CONTACTS: COPPER ALLOY
4.MID PLATE: STAINLESS STEEL
5.SHELL: STAINLESS STEEL
6.O-RING: SILICONE RUBBER,BLACK
- 2.PLATING SPECIFICATION:
2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
GOLD PLATED ON THE FUNCTIONAL AREA OF CONTACT.
GOLD PLATED ON THE SOLDER AREA OF CONTACT.
2-2.SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3.COVER:
Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 5~20N.
3-2.REMOVAL FORCE: 8~20N.
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: -30°C~+85°C
6. WATER PROOFNESS:THISPRODUCTIS BASED ON IPX6.

* SIGN "X" IS IMPORTANCE DIMENSION

USB TYPE-C PIN ASSIGNMENTS

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

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

產品名稱:
PRODUCT NAME

USB 3.1 TYPE C 16P防水型
板上DIP四腳插板母座

單位: mm	繪圖	設計	審核	核准	料號:KUSBC027-F001-1
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:KUSBC027-F001-1-1 DRAWING NO
版本	修改事項	修改日期	日期: 2021/3/28		版本: REV. 0