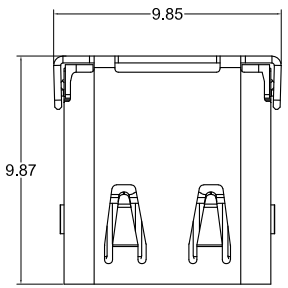
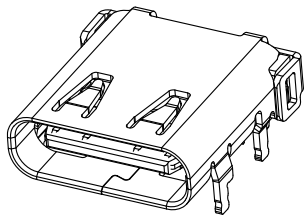
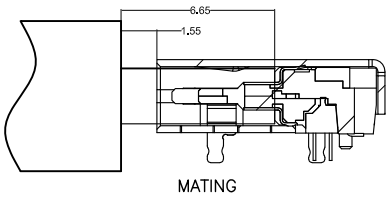
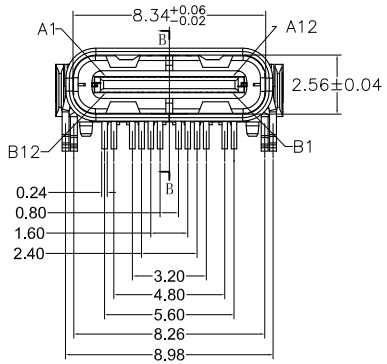


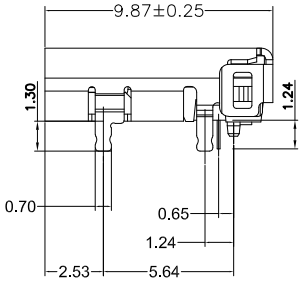


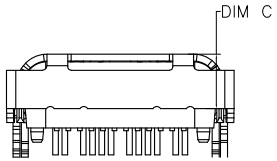


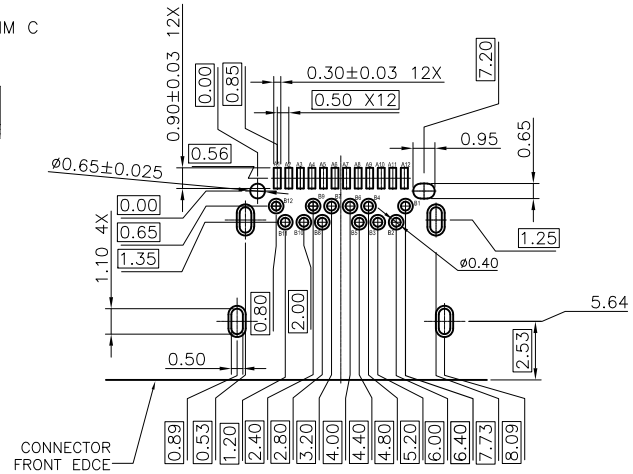
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1+	B11	SSRXp1+
A3	SSTXn1−	B10	SSRXn1−
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2−	B3	SSTXn2−
A11	SSRXp2+	B2	SSTXp2+
A12	GND	B1	GND





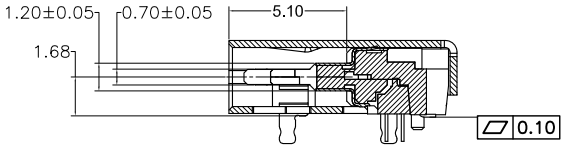




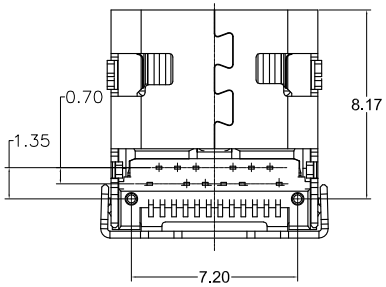
RECOMMENDED P.C.B. LAYOUT (T=1.00mm)

TOLERANCE UNSPECIFIED ±0.05mm

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.
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:5.0A
      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.



SECTION B-B
SCALE 1:1



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

產品名稱:
PRODUCT NAME
USB TYPE C FEMALE R/A
SMT COVER TYPE

版本	修改事項	修改日期

單位 : mm
比例 :
公差 : .X ±0.30
.XX ±0.25
.XXX ±0.15
日期 : 2020/12/7

繪圖 DRAWING	設計 DESIGNED	審核 CHECKED BY	核准 APPROVAL BY
JOHNY	JOHNY	LUKE	JAMES

料號: KUSBC006-F001
PART NUMBER

圖號: KUSBC006-F001-1
DRAWING NO

版本: REV. 0