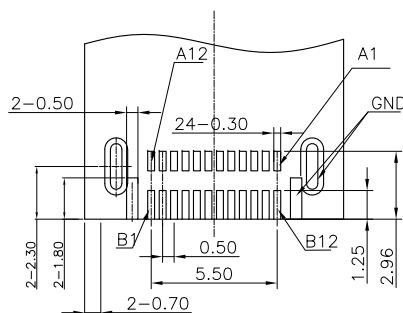
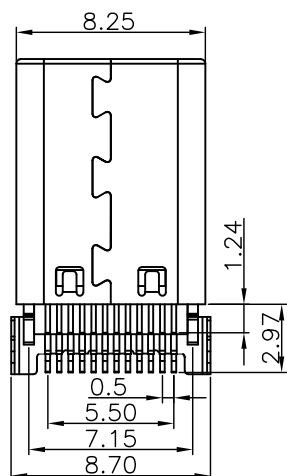
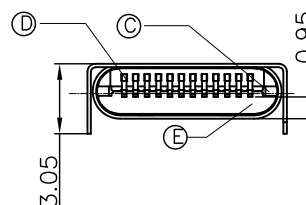
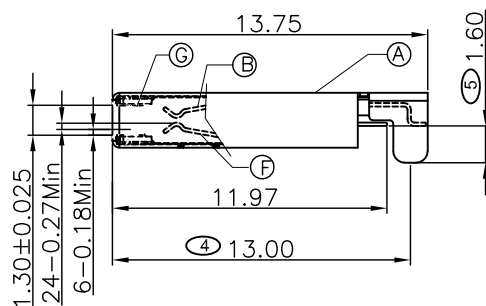
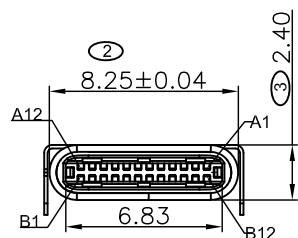
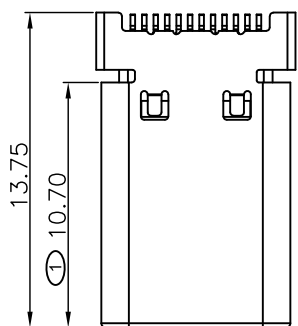




Recommended P.C.B Layout
Tolerance ±0.05

- 1.Material:
Contacts: Copper alloy T=0.15
Insulator: HIGH TEMPERATURE PLASTIC UL 94V-0,
Shell: STEEL T=0.15
MID Plate: Stainless Steel
EMI Plate: Stainless Steel
- 2.Electrical:
Current-max[amps]: 5A Max For Vbus/GND PIN;
0.9A Max For Other PIN.
Withstanding Voltage: 100V AC R.M.S
Contact Resistance [ohms]: 40mΩ Max.For
Initial 10mΩ.Change Afier
Test.Measure AT 20mV,100mA
Insulation Resistance [ohms]: 100 mΩ min.
- 3.MECHANICAL CHARACTERISTICS:
Mating force: 5~20N
Unmated Force: 6~20N After test.
Durability: 10000 cycles min.
- 4.Plating:
Contacts: SEE TABLE Au plated on contact area,
Fog Tin plating 80~100U"Min on solder area
Nickel Under plating 20u"Min over all
Shell : plating 20~50U"Nickel over CU
- 5.Environmental
Temperature Range: -55°C~+85°C
- ※ SIGN "X" IS IMPORTANCE DIMENSION

A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND	RX2+	RX2-	Vbus	SBU1	D-	D+	CC	Vbus	TX1-	TX1+	GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
GND	TX2+	TX2-	Vbus	Vconn			SBU2	Vbus	RX1-	RX1+	GND

G	EMI	2	SUS301	—
F	CONTACT	12	BRASS	Au: 1U"
E	TOP COVER	1	LCP+30%GF, UL 94V-0	BLACK
D	BOTTOM COVER	1	LCP+30%GF, UL 94V-0	BLACK
C	GND PIN	1	SUS301	20~50U" NICKEL PLATED
B	CONTACT	12	BRASS	Au: 1U"
A	SHELL	1	SUS301	20~50U" NICKEL PLATED
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

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

產品名稱:
PRODUCT NAME
USB C TYPE Plug DIP Connector

單位: mm	繪圖	設計	審核	核准	料號: KUSBC004-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: KUSBC004-M001-1 DRAWING NO
版本	修改事項	修改日期	日期: 2021/3/28		版本: REV. 0