



Recommend P.C Board Layout

- NOTES:**
- Electrical Characteristics:
 - Contact Current Rating: 3 Amperes Max.
 - Rated Voltage: 30V Max.
 - Dielectric Withstanding Voltage: AC 100V r.m.s.
 - Insulation Resistance: 40 mΩ Maximum.
 - Environmental:
 - Operating Temperature: -40°C to +85°C.
 - Mechanical Characteristics:
 - Insertion Force: 5-20Nf.
 - Withdrawal Force: 6-20Nf.
 - Durability Cycles: 10000 Cycles.
 - Make is FAI test dimension.
- ▼ Make is major test dimension.

U - 6 D 16 F - LP C X - W 2 B 1 - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

- U= USB Connector series
- 1=A type/ 2=B type/ 3=3.0USB type/ 4= Micro USB/ 5=Mini USB/ 6=C type
- D=DIP type / S= Soldering type
- No. of contacts: 06=6pin
- M=Male Plug type/ F=Female Receptacle type
- PT=PB7/ 66=Nylon66/ 46=Nylon46/ 6T=Nylon6T/ 9T=Nylon9T/ LP= LCP
- C=Copper/ P=Phosphor bronze/ H=High conductivity copper
- Plating: T=Tin plating/ G=Gold flash plating/ 1=3µ" Gold/ 2=5µ" Gold/ 3=10µ" 71Gold/ 4=15µ" Gold/ 5=20µ" Gold/ 6=30µ" Gold/ 7=Nickel Plating/ Silver plating
- V=Vertical DIP type/ R=Right Angle DIP type/ L=Vertical SMT type/ W=Right Angle SMT type/ S=Special P.C.B Module/ 0=without
- Shell: 0=General shell / 1=Copper shell / 2=Stainless steel shell
- Insulator Color: B=Black/ W=White/ E=Blue/ V=Violet
- Note: 0=General/ 1=Leg Dip+Peg Option
- Packaging: 1=PE bag/ 2=tube/ 3=Tape Reel / Hot tape Reel / 5=PVC tray

No.	Name	Description
3	Contact	Copper Alloy
2	Insulator	High temperature plastic UL 94 V-0
1	Shell	Stainless Steel

Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B5	CC1
A8	SBU1	B5	CC1
A9	VBUS	B4	VBUS
A12	GND	B1	GND

Rev.	修正/Revisions
1	versions 1 2016.11.23

Tolerances - Unless otherwise specified 公差
XX : ±0.10 XX ^o : ±1 ^o
XXX : ±0.05 XXX ^o : ±1 ^o
XXXX : ±0.03 XXXX ^o : ±1 ^o

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機型 Model	客號 Customer P/N	盛瑞科技 Part No.	Environmental standard	單位 Unit/mm 比例 Scale	Third angle projection	核准 Approved Tina	圖名 Description:
-	-	U-6D16F-LPCX-W2B1-X	ROHS/REACH	第三角投影	11/23/16	審核 Checked	USB C Type 16pin Female SMT
-	-	U-6D16F-LPCX-W2B1-X	ROHS/REACH	第三角投影	11/23/16	安規 Safety	Leg DIP Peg Option
-	-	U-6D16F-LPCX-W2B1-X	ROHS/REACH	第三角投影	11/23/16	製圖 Drawn 鄭成	
-	-	U-6D16F-LPCX-W2B1-X	ROHS/REACH	第三角投影	11/23/16	設計 Design 譚	