

1

2

3

4

A

A

B

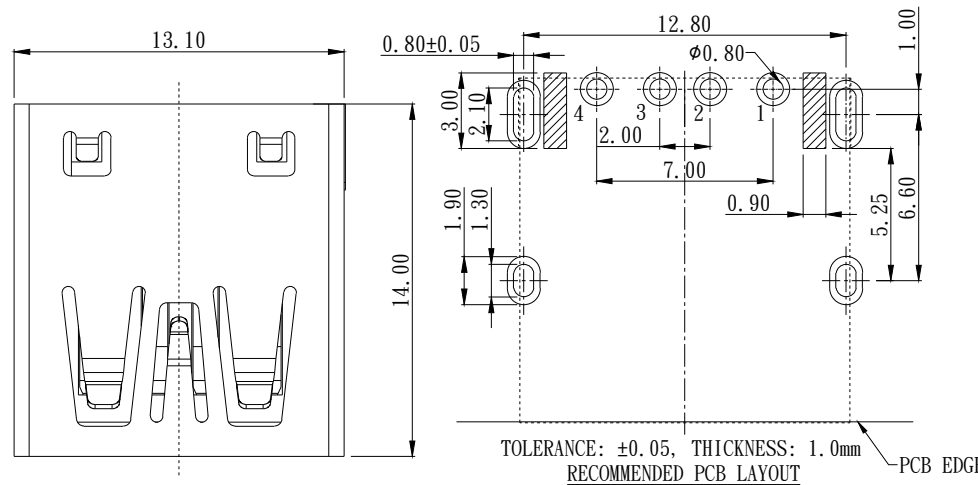
B

C

C

D

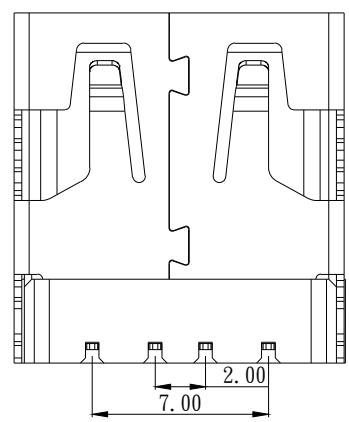
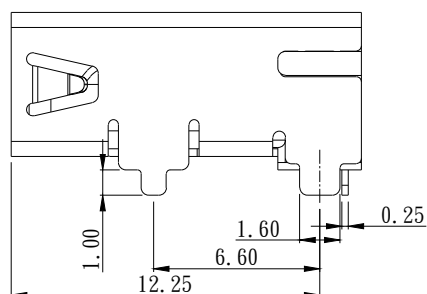
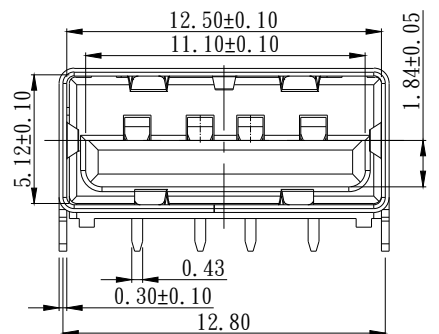
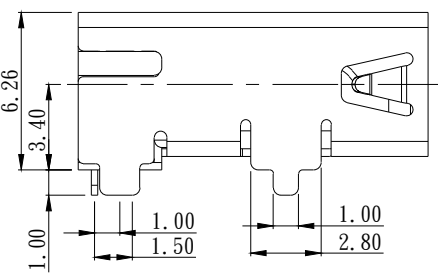
D



TOLERANCE: ±0.05, THICKNESS: 1.0mm  
 RECOMMENDED PCB LAYOUT  
 (TOP VIEW)  
 KEEP OUT AREA

NOTES:

1. MATERIAL:
    - 1.1 Housing: LCP UL94V-0, Color: Black
    - 1.2 Contact: C2680 (T=0.20mm.)
    - 1.3 Shell: SPCC(T=0.30mm.)
  2. PLATING:
    - 2.1 Contact:
      - Gold Flash Plated on Contact Area,
      - Sn (80u") Plated on Solder Tails.
      - Ni (30u" min) UnderPlated.
    - 2.2 Shell:
      - Ni (50u"min) Plated All Over
  3. MECHANICAL CHARACTERISTIC:
    - 3.1 Mating Force: 35N Max
    - 3.2 Unmating Force: 10N Min
    - 3.3 Durability: 1500 Cycles.
  4. ELECTRICAL CHARACTERISTIC:
    - 4.1 Contact current Rating: 1.5A
    - 4.2 Contact Resistance: 30m Ohm Max.
    - 4.3 Insulation Resistance:
      - 1000M Ohm Min
    - 4.4 Dielectric Withstanding Voltage:
      - 500V AC Min.
  5. TEMPERATURE:
    - 5.1 Openrating Temperature: -40° C~+85° C
- PART NO:  
 10 1 - 1 C A - 1 C1 - L  
 10 : USB 2.0 FEMALE  
 1 : FOR SINGLE  
  
 1 : FOR 90° DIP  
 C : FOR SPCC  
 A : FOR BLACK  
  
 1 : FOR GOLD FLASH  
 C1 : SERIES NO.  
  
 L : FOR LEAD FREE



廷奕科技股份有限公司  
 VITETECH CO., LTD

REV.	ECN. NO.	APP.	DATE
A	Official Publish	OW	JUN/18/16
B	Official Publish	OW	APR/01/20

RoHS COMPLIANT			
DIMENSION CLASSIFICATION			
©:CRITICAL Ⓢ:MAJOR ( ):REFERENCE			
REVISED	A		
DRAW	CHK'D	APPROVE	DATE
OW	JACK	ALAN	JUN/18/16

PRODUCT CUSTOMER COPY	
SCALE	SHEET
1:1	
GENERAL TOLERANCE	
X. ±0.50	.X ±0.25
.XX ±0.20	
.XXX ±0.05	
X.'	.X'

PART NO:	101-1CA-1C1-L
DWG NAME:	USB2.0 AF 90° CH3.4

1

2

3

4