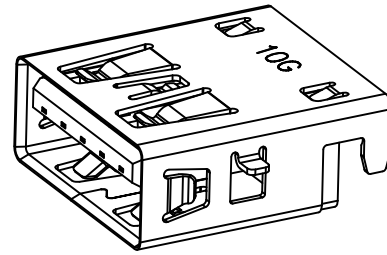
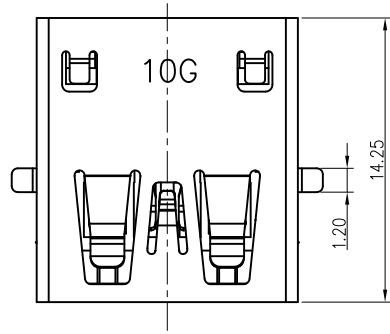
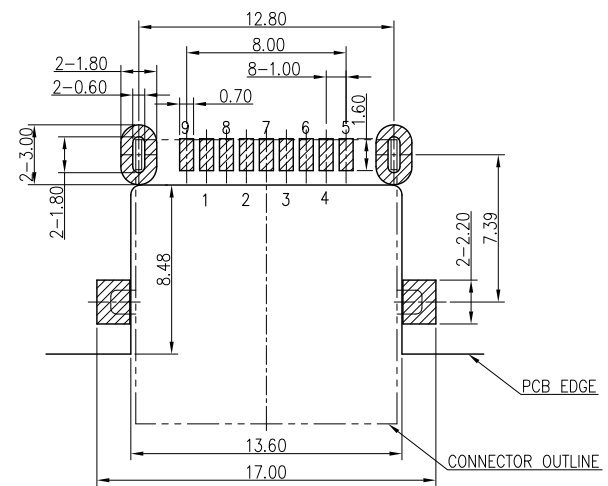
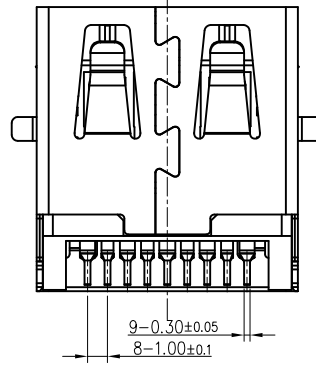
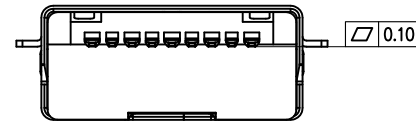
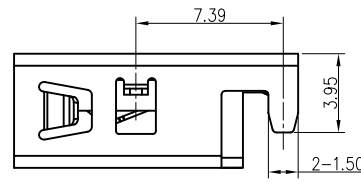
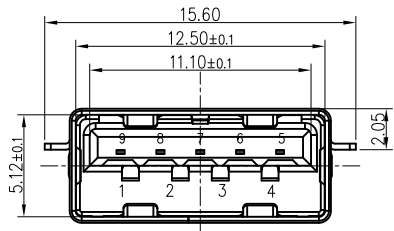


# GP Component



3D VIEW

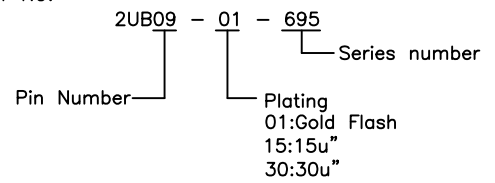


RECOMMENDED PCB LAYOUT  
(TOLERANCE+/- 0.05)

**NOTE:**

- 1.MATERIAL:
  - 1.1 INSULATOR:LCP UL94V-0,BLUE
  - 1.2 CONTACT:COPPER ALLOY(T=0.20mm)
  - 1.3 SHELL:STAINLESS STEEL(T=0.30mm)
- 2.ELECTRICAL CHARACTERISTICS;
  - 2.1 CONTACTRESISTANCE:50mΩ MAX.
  - 2.2 CONTACT CURRENT RATING:1.5A
  - 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500V R.M.S.
  - 2.4 INSULATION RESISTANCE 100 MEGOHMS MIN.
  - 2.5 OPERATING TEMPERATURE:-40°C ~ 85°C
- 3 MECHANICAL CHARACTERISTICS:
  - 3.1 MATING FORCE:3.57kg MAX
  - 3.2 UNMATED FORCE:1.02kg MIN
  - 3.3 DURABILITY:5,000 CYCLES
- 4.PLATING
  - 4.1 TERMINAL:
    - 30u" MIN. Ni UNDERPLATED OVERALL
    - 80u"MIN. Tin PLATED ON SOLDER AREA
    - G/F PLATED ON CONTACT AREA
  - 4.2 SHELL:30u"MIN. Ni PLATED OVERALL

**PART NO:**



PIN NO.	1	2	3	4	
SIGNAL NAME	VBUS	D-	D+	GND	
REMARK	USB2.0 CONTACT PIN				
PIN NO.	5	6	7	8	9
SIGNAL NAME	SSRX-	SSRX+	GND	SSTX-	SSTX+
REMARK	USB3.0 CONTACT PIN				

TOLERANCE:

X		
X.X	±0.30	
X.XX	±0.20	
X.XXX	±0.10	
ANGLE:	±3°	

<b>Singatron Enterprise Co., Ltd.</b>			
TITLE	USB3.2 Gen2 Type-A, 母座/沉板式, 9Pin SMT, 正向 沉板上2.05		
DWN	Ken Lin	PART NO. 2UB09-01-695	
CHKD	2022/03/14	SCALE 1:1	UNIT: mm
APVD	Richard Hsieh	SIZE: A3	SHEET: 1 OF 1 REV: A0
<b>CUSTOMER COPY</b>			