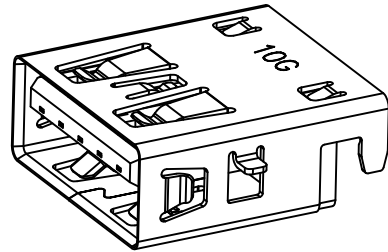
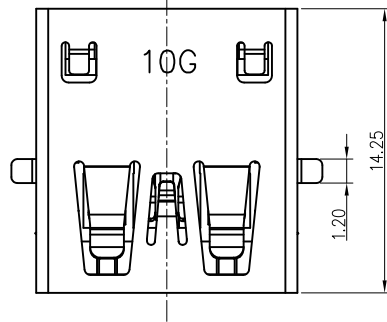
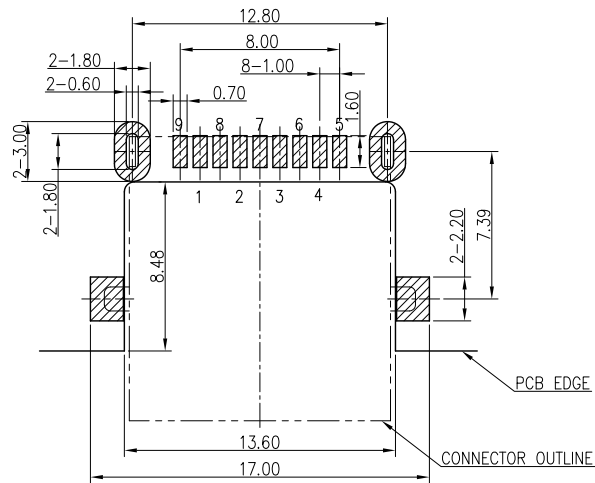
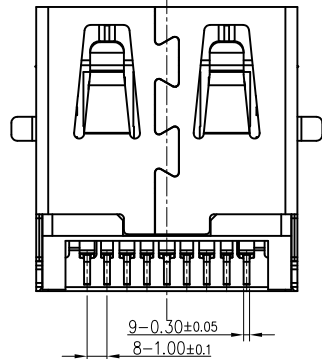
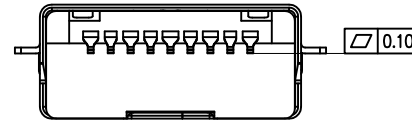
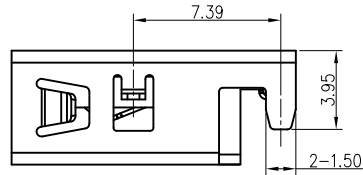
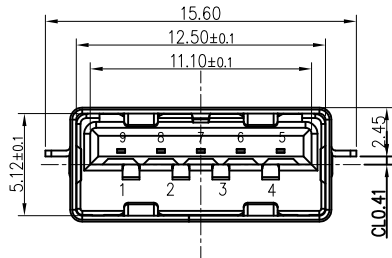


GP Component



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 CONTACT RESISTANCE: 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:

2UB09 - 01 - 694

Pin Number

Series number

Plating
01: Gold Flash
15: 15u"
30: 30u"

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				

Singatron Enterprise Co., Ltd.

TITLE	USB3.2 Gen2 Type-A, 母座/沉板式, 9Pin SMT, 正向 沉板上2.45			
DWN	Ken Lin	PART NO.	2UB09-01-694	
CHKD	2022/03/14	SCALE	1:1	UNIT: mm
APVD	Richard Hsieh	SIZE	A3	SHEET: 1 OF 1 REV: A0

CUSTOMER COPY

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