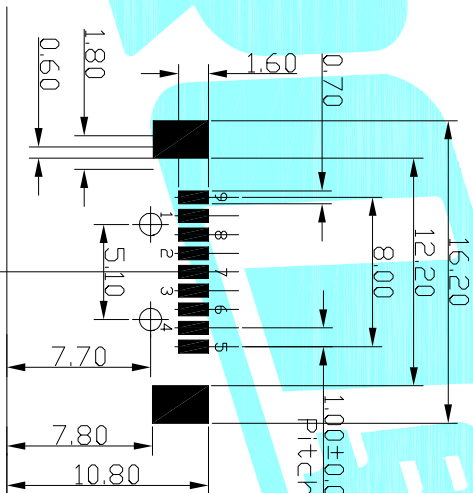


PCB EDGE
RECOMMENDED PCB LAYOUT



Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	Stda_SSRX-
6	Stda_SSRX+
7	GND_DRAIN
8	Stda_SSTX-
9	Stda_SSTX+
Shield	Shield

NOTE:
1.MATERIAL:

1.1 INSULATOR: LCP UL 94V-0

1.2 CONTACT: BRONZE

1.3 SHELL: BRASS

2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 30mΩ MAXIMUM

2.2 CONTACT CURRENT RATING: 1.5A

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 V

AC 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: 3.57kgf MAX

3.2 UNMATING FORCE: 0.82kgf MIN AFTER TEST

3.3 DURABILITY MANDATORY: 1200 CYCLES

4.PLATING

4.1 TERMINAL:

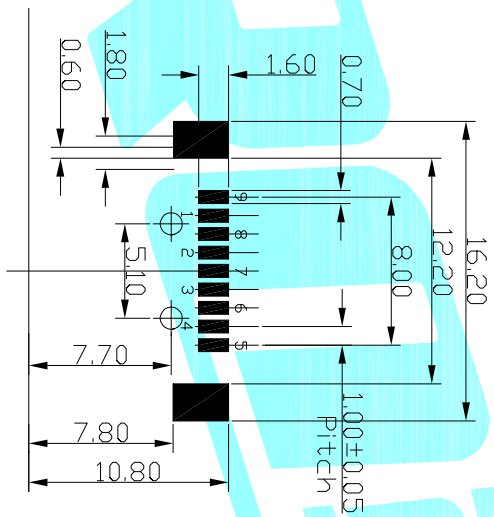
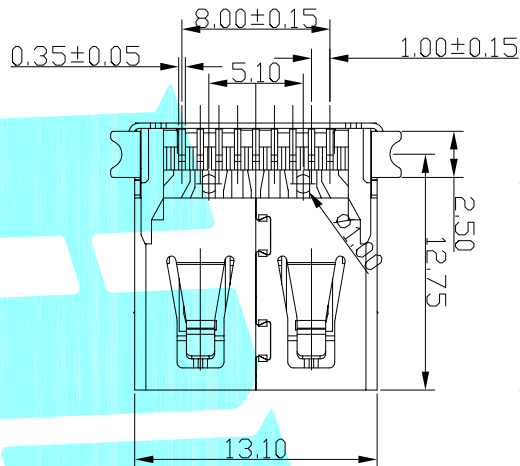
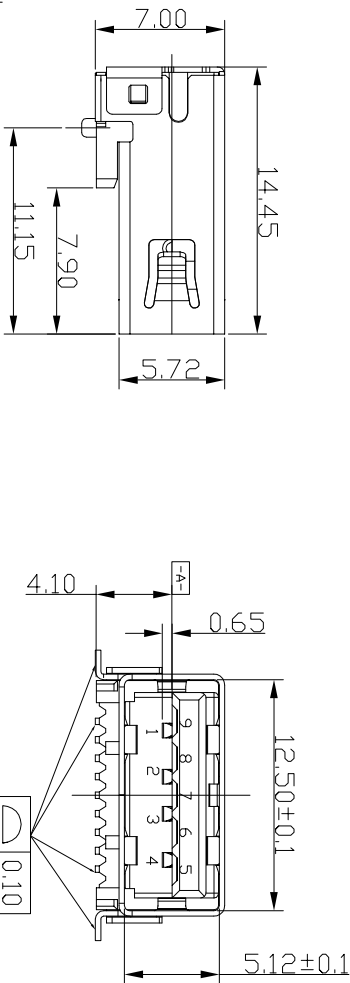
50u" MIN NICKEL ALL OVER

80u" MIN tin ON SOLDER AREA

(1~30)u" Au ON CONTACT AREA

4.2 SHELL: 100u" MIN. NICKEL ALL OVER

APPROVALS		DATE	HUPON ELECTRONICS CO.,LTD		
DRAWN	D.J.LV	2017/12/26	TITLE: USB CONNECTOR		
CHECKED			PART NO. U-A-39SS-Y-1		
APPROVALS			SCALE: 1:1		
TOLERANCES ARE		30~0.15 10~0.20 5~0.10 ~5	±0.30 ±0.20 ±0.15 ±0.10	ANGLE ±2°	DRAWING NO.
ECN NO.	REV.	DATE.	DESCRIPTION.		
	A		NEW		
			APPRO.		



RECOMMENDED PCB LAYOUT

- NOTE:
1.MATERIAL:
1.1 INSULATOR:ICP UL 94V-0
1.2 CONTACT:BRONZE
1.3 SHELL:BRASS
2.ELECTRICAL CHARACTERISTICS;
2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
2.2 CONTACT CURRENT RATING:1.5A
2.3 DIELECTRIC WITHSTANDING VOLTAGE:100 V AC 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:3.57kgf MAX
3.2 UNMATED FORCE:0.82kgf MIN AFTER TEST
3.3 DURABILITY MANDATORY:1200 CYCLES
4.PLATING
4.1 TERMINAL:
50u" MIN NICKEL ALL OVER
80u"MIN Tin ON SOLDER AREA
(1~30)u" Au ON CONTACT AREA
4.2 SHELL:100u"MIN.NICKEL ALL OVER

APPROVALS		DATE	HILPOE ELECTRONICS CO.,LTD			
DRAWN	D.J.L.V	2017/12/26	TITLE: USB CONNECTOR			
CHECKED			PART NO. U-A-39SS-W-1			
APPROVALS			SCALE: 1:1		PROJ: 1 OF 1	
TOLERANCES ARE		30~0.15 10~0.30 5~0.10	±0.30 ±0.20 ±0.15	ANGLE	UNIT: mm	
		~ 5	±0.10	±2°	DRAWING NO.	

ECN NO.

REV.

DATE.

DESCRIPTION.

NEW

CHANGT

CHTCK

APPRO.