

RoHS Compliant

NOTE:

1.MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
1.2 CONTACT: COPPER ALLOY
1.3 SHELL:STAINLESS STEEL

2.ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL.
30mΩ CHANGE AFTER TEST.
MEASURE AT 20mV, 100mA.

- 2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN;
1.25A FOR VCONN PIN.

- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

- 2.4 INSULATION RESISTANCE 100MΩ Min

- 2.5 OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE: 5~20 N.

- 3.2 UNMATED FORCE: 8~20N

- 3.3 DURABILITY: 10,000 CYCLES

4. PLATING

- 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER
50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min
NICKEL ON SOLDER AREA

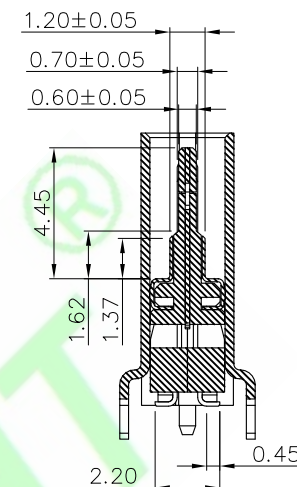
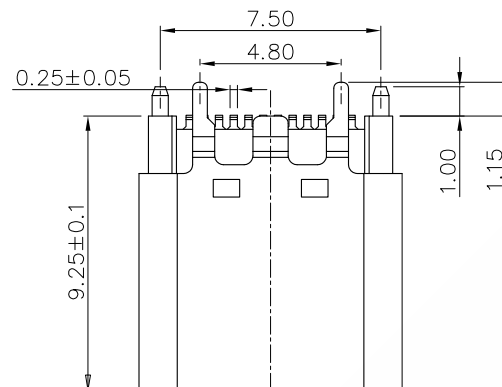
- 4.2 SHELL: 50u" Min. NICKEL ALL OVER.

Ordering Information

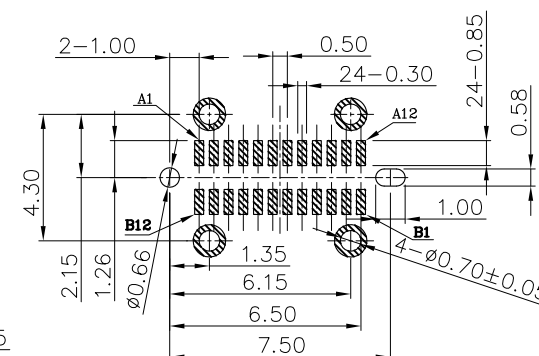
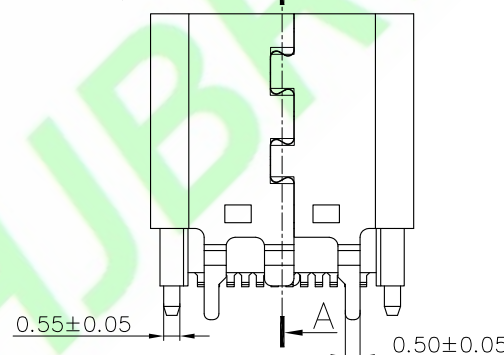
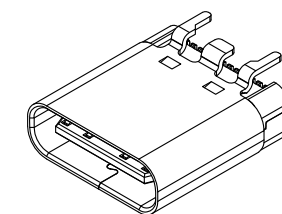
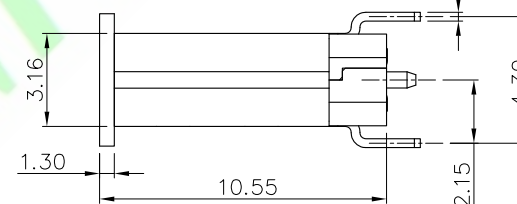
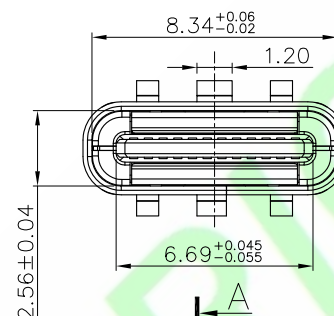
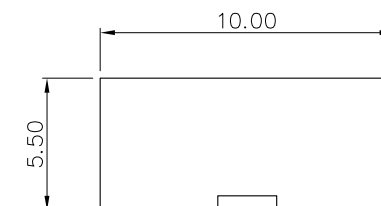
USB31-CFX-H1-F

<u>DATE</u>	<u>STATION</u>	<u>TIME</u>	<u>1</u>
1	2 3	4	5

- 1:—Series No.
2:—CF:C Type Female Plug
3:—H:Gold flash on contact;Matte Tin on tail
E:3u" Gold on contact;Matte Tin on tail
4:—H1:H 9.30 Type
5:—F:W/Cap In Tape&Reel



SECTION "A-A"



RECOMMENDED P.C.B LAYOUT

5X				DR.BY.: Sophia	GENERAL TOLERANCE:		PART NO : USB31-CFX-H1-F	HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
4X					LINEAR	ANGLES				
3X				CHKD.: Kenry	x.: ±	x': ±2.0°	TITLE : USB 3.1 C TYPE 母頭直立式H=9.30	SHEET: 1/2		A4
2X					x.x: ±0.35	x.x': ±2.0°		SCALE: 1:1		
1X	ORIGINAL	Sophia		APPD.: Billy	x.xx: ±0.25	x.xx': ±2.0°	DATE: 14-May-2020	UNIT: mm		
REV.	DESCRIPTION	DR.BY	ECN. NO.							