

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°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE: 5~20 N.
3.2 UNMATED FORCE: 8~20N AFTER TEST
3.3 DURABILITY: 10,000 CYCLES

4.PLATING

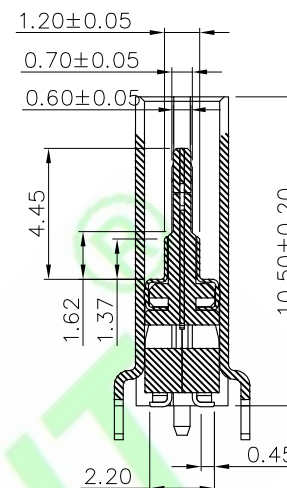
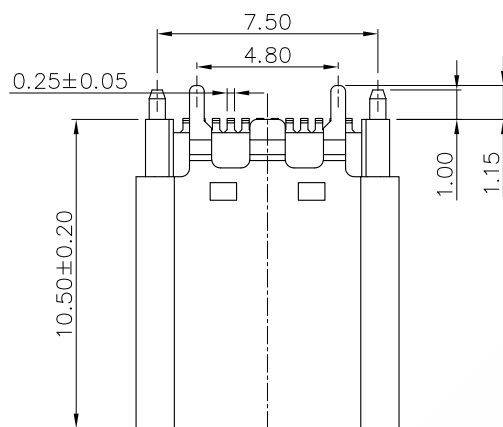
- 4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER
50u" Min NICKEL AND 80u"Min Tin ALL OVER 50u" Min
NICKEL ON SOLDER AREA
4.2 SHELL: 50u" Min. NICKEL ALL OVER,

Ordering Information

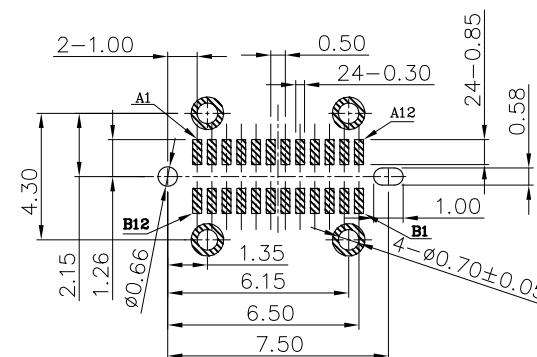
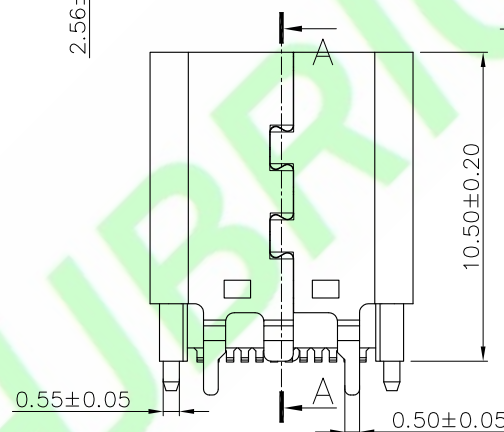
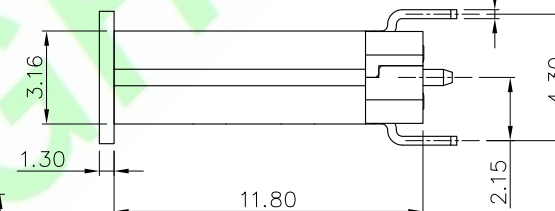
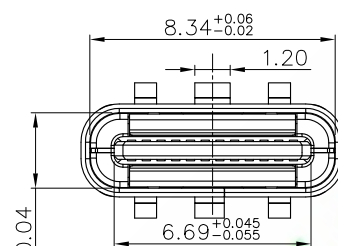
USB31-CFX-H2-F

1 2 3 4 5

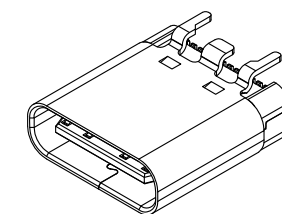
- 1:—Series No.
2:—CF:C Type Female Plug
3:—H:Gold flash on contact;Matte Tin on tail
E:3u" Gold on contact;Matte Tin on tail
4:—H2:H 10.50 Type
5:—F:W/Cap In Tape&Reel

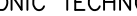


SECTION "A-A"



RECOMMENDED P.C.B LAYOUT



5X				DR.BY.:	GENERAL TOLERANCE:		PART NO : USB31-CFX-H2-F		HJBRIGHT® 東莞市華晶電子有限公司		
4X				Sophia	LINEAR		DWG. NO.:				
3X				CHKD.:	X.: ±	X': ±2.0°	TITLE :		BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
2X				Kenry	X.X: ±0.35	X.X': ±2.0°	USB 3.1 C TYPE 母頭直立式H=10.5		SHEET: 1/2		A4
1X	ORIGINAL	Sophia		APPD.:	X.XX: ±0.25	X.XX': ±2.0°	DATE: 14-May-2020		SCALE: 1:1		
REV	DESCRIPTION	DR.BY	ECN. NO	Billy	X.XXX: ±0.15	X.XXX': ±2.0°			UNIT: mm		