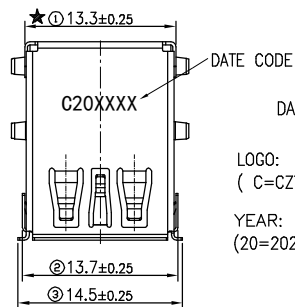
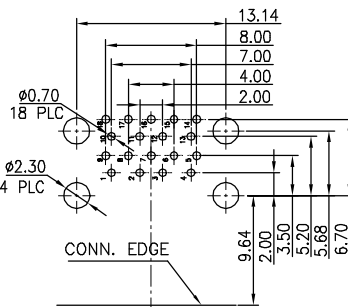


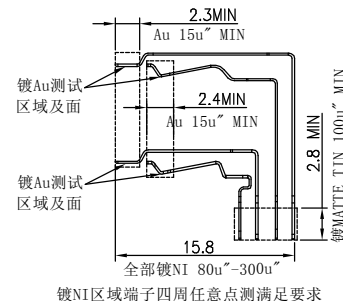
REV.	ECN NO.	DESCRIPTION	DATE
A-0		NEW DRAWING	2020-06-11



DATE CODE NOTE:
C 20 XX XX
LOGO: (C=CZT) DAY: (01-31)
YEAR: (20=2020) MONTH: (01-12)



RECOMMENDED PCB LAYOUT (COMPONENT TOP VIEW)
P.C.B THICKNESS=1.60mm (TOLERANCE=±0.05)



镀Au测试区域及面
镀Au测试区域及面
全部镀Ni 80u"~300u"
镀Ni区域端子四周任意点测满足要求

AU PLATING INSTRUCTIONS

NOTES:

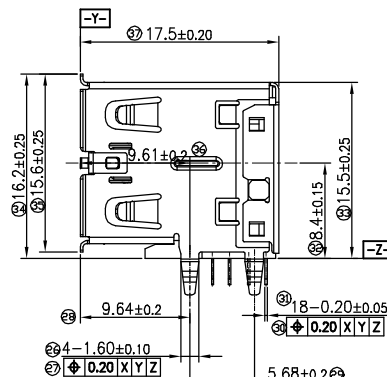
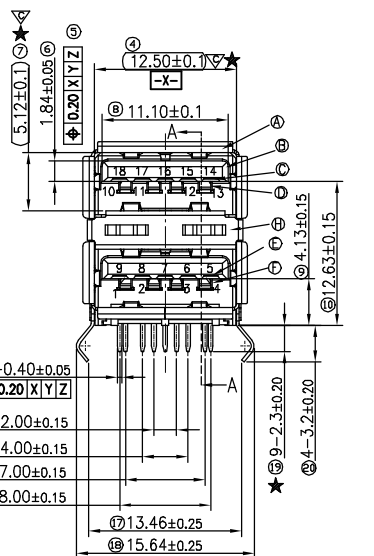
- MATERIAL SPECIFICATION
SEE TABLE:
- ELECTRICAL CHARACTERISTIC
1.CURRENT RATING: 2A FOR VBUS PIN AND ITS CORRESPONDING GND PIN, 0.5 A MIN FOR ALL OTHER CONTACTS.
VOLTAGE RATING: 9V AC
2.INSULATION RESISTANCE: 1000 MΩ, MIN. INITIAL;
100 MΩ, AFTER DURABILITY&ENVIRONMENT TEST
- CONTACT RESISTANCE:
30mΩ, MAX. INITIAL Δ10mΩ AFTER
- DIELECTRIC WITHSTANDING VOLTAGE: 500V AC R.M.S.
- ENVIRONMENTAL PERFORMANCE
1.OPERATING TEMPERATURE: -10°C TO +55°C
2.STORAGE TEMPERATURE: -40°C TO +85°C,
RELATIVE HUMIDITY (%): 0~90%
3.STORAGE LIFE: 18 MONTHS MAX.
4.SALT SPRAY TEST: 48H
- MECHANICAL CHARACTERISTIC:
DURABILITY: 5000 CYCLE
INSERTION FORCE: 6~20N
WITHDRAWING FORCE: 8N~20N INITIAL,
6N MIN AFTER DURABILITY.

5. ★ 尺寸标示重点尺寸;
□ 尺寸表示SPC管控尺寸, 有CPK要求即需做CPK, CPK≥1.33;
() 尺寸表示参考尺寸;
□ 尺寸表示理论尺寸, 为其他尺寸的测量位置提供参考;
▽ 尺寸为CCD管控尺寸;

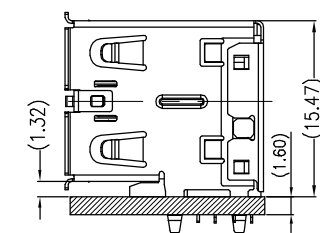
PIN ASSIGNMENT:

Pin No.	1	2	3	4	5	6	7	8	9
Pin No.	10	11	12	13	14	15	16	17	18
Signal Name	VBUS	D-	D+	GND	STDA_SSRX-	STDA_SSRX+	GND_DRAIN	STDA_SSTX-	STDA_SSTX+
Remark	USB2.0 Contact Pin				USB3.0 Contact Pin				

H	FINGER	1	SUS304 T=0.20mm	CLEAN
G	SPACER	1	LCP E130i	BLACK UL94V-0 HF
F	USB2 4PIN CONTACT	4	C5191-H T=0.20mm	
E	USB3 5PIN CONTACT	5	C2680-H T=0.20mm	GOLD PLATED 15U" MIN ON CONTACT AREA, 100U" MATTE TIN PLATED ON SOLDER TALLS, 80U"~300U". NICKEL UNDERPLATING OVER ALL.
D	USB2 4PIN CONTACT	4	C5191-H T=0.20mm	
C	USB3 5PIN CONTACT	5	C2680-H T=0.20mm	
B	HOUSING	1	LCP E130i	BLACK UL94V-0 HF
A	FRONT SHELL	1	SUS304 T=0.25mm	50U" MIN,NICKEL UNDERPLATING OVER ALL.
NO.	DESCRIPTION	QTY.	MATERIAL	TREATMENT



SECTION A-A
SCALE 1:1



RECESSED MOUNTING CONFIGURATION

RoHS Compliant u"=u inch

CZT 温州意华接插件股份有限公司
WENZHOU YIHUA CONNECTOR CO., LTD

SCALE	UNIT	CUSTOMER:	HUAWEI
1:1	mm	MODEL NO:	14241812

TOLERANCES	Material:	SEE_NOTE	Designed:	Yanhua 2020-06-11	NAME:	USB A 母双层 DIP 90° 翻边带凸包
>0~6. >6~15. >15~30. >30~60. ANGLE.	±0.05 ±0.08 ±0.10 ±0.15 ±1°	Finish:	SEE_NOTE	Checked:	DWG NO:	1110-0616
				Approved:	PART NO:	10312218D004
						REV.