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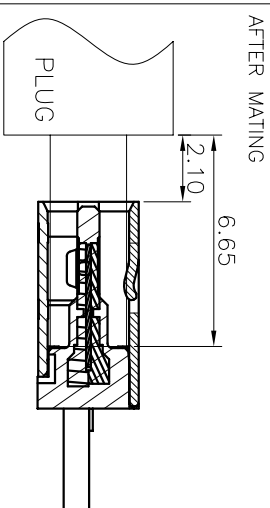
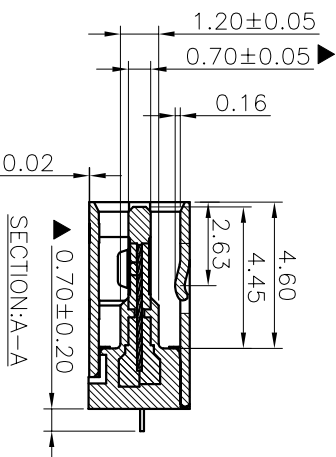
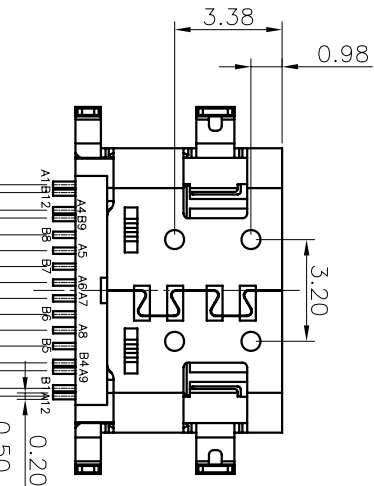
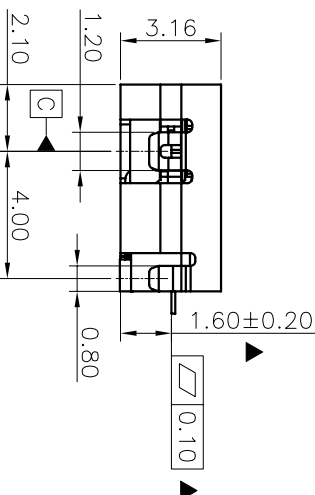
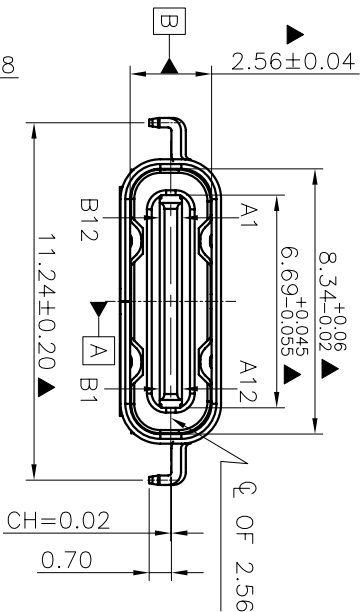
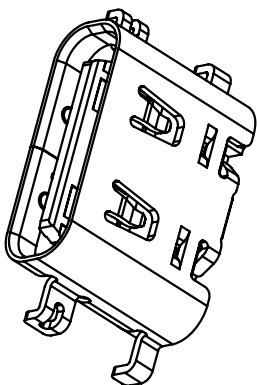
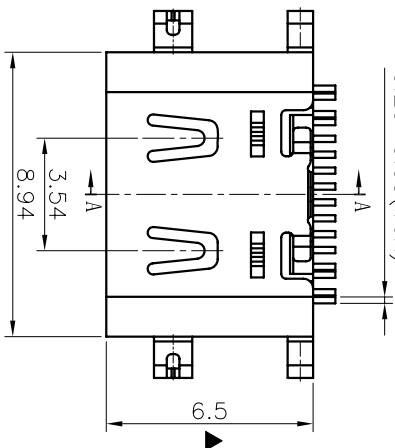
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0.20±0.05(16X)



REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.20	NEW RELEASE
B	ECNE02105002	2021.05.06	增加真空包装料号规格
C	---	2024.02.20	更新新规格

- NOTE:
1. ELECTRICAL PERFORMANCE.
- 1-1. CURRENT RATINGS AMPS. FOR TOTAL VBUS/GND PINS.
- 1-1.1. 1.25AMPS FOR CC PIN.0.25 AMPS. FOR ALL OTHER CONTACT.
- 1-2. VOLTAGE RATING:20V DC/AC (RMS. MAX)
- 1-3. I.LOCC.
- VBUS & GND PINS AND OTHER PINS: 40MD/PIN MAX.
- SHIELD:50MD/MAX.
- LLOR MAX. CHANGE OF ALL PINS: 10MD.
- 1-4 INSULATION RESISTANCE: 1000Ω MIN
- 1.5 DIELECTRIC WITHSTAND VOLTAGE:AC 100V FOR 1 MINUTE.
2. MECHANICAL PERFORMANCE.
- 2.1. MINIMUM BEND RADIUS: 25.4MM
- 2.2. INSERTION FORCE: 8-20N.
- 2-3 DURAILITY: 10000 CYCLES.
3. ENVIRONMENTAL PERFORMANCE:
- OPERATING TEMPERATURE: -25℃~+85℃.
4. IR REFLOW:
- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.
5. COMPLIANCE WITH ROHS REQUIREMENTS.
6. SALT SPRAY:48H
7. WITH \* for the key control size
8. PART NUMBER CODE:
- TC178-16 S X X XX X - 01

- PACKING OPTIONS:
- RTAPE & REEL
- VB:RTAPE & REEL+真空包装
- CONTACTS PLATED:
- 12>Contact Area: Au 3u"
- 13>Contact Area: Sn 3u"
- 15>Contact Area: Au 30u"
- Solder Thickness
- HOUSING COLOR:
- B:BLACK
- W:WHITE
- L:BLUE
- HOUSING MATERIALS:
- C:PA6T
- L:LCF

序号	PART NO.	REMARKS	PACKING
1	TC178-16S(B12R-01)	127个总长度规格为34.7mm, L:CP	TYPE & REEL
2	TC178-16S(B12R-01)	1000个总长度规格为34.7mm, L:CP	TYPE & REEL
3	TC178-16S(B15R-01)	127个总长度规格为35.0mm, L:CP	TYPE & REEL
4	TC178-16S(B12R-01)	127个总长度规格为34.7mm, L:CP	TYPE & REEL+真空包装
5	TC178-16S(W12R-01)	127个总长度规格为34.7mm, L:CP	TYPE & REEL

PIN DEFINITION:

PIN No.	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	VBUS	CC1	D+	D-	SBU1	VBUS	GND
PIN No.	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	VBUS	SBUS2	D-	D+	CC2	VBUS	GND

TABLE:

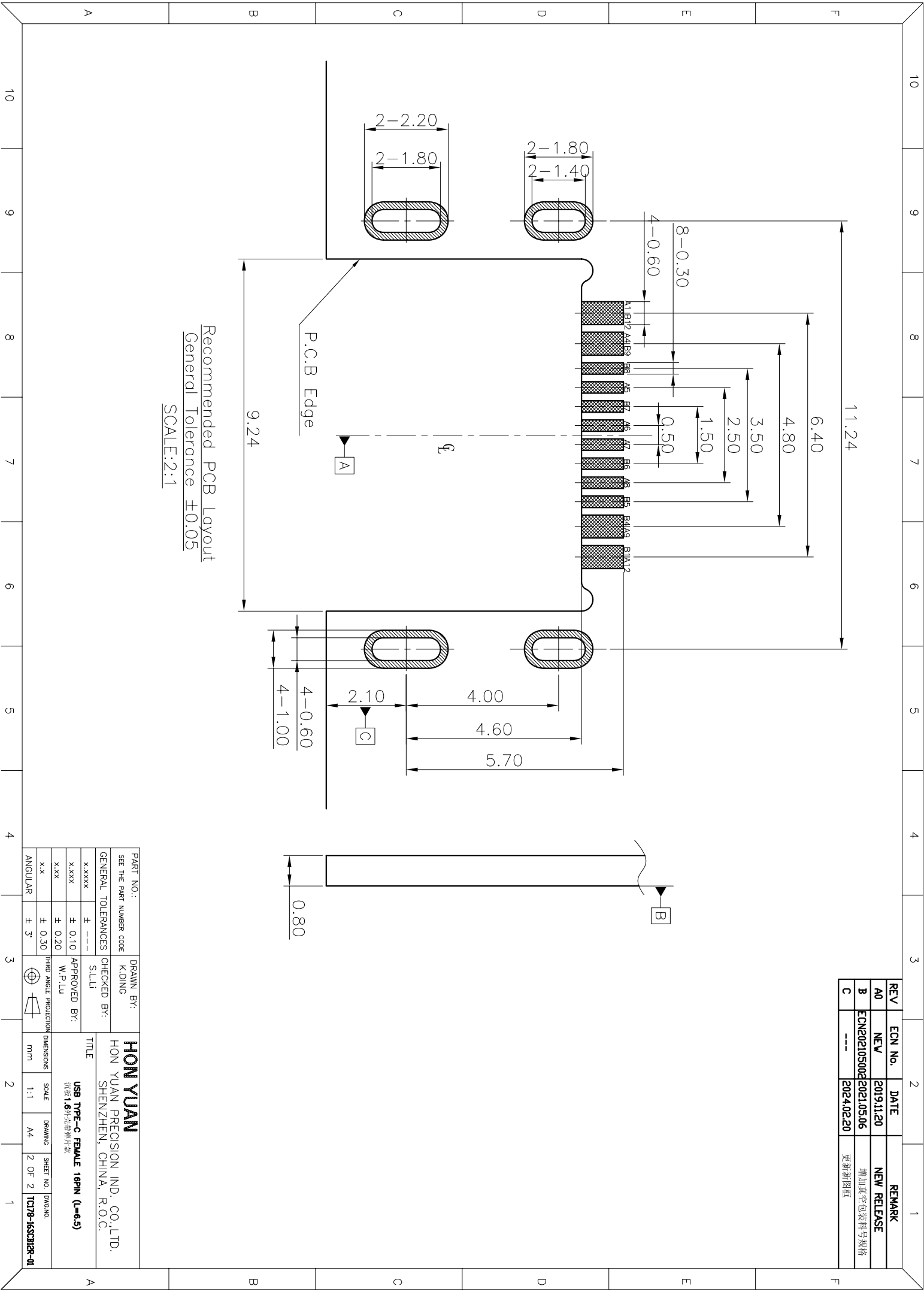
NO	PART	QTY	Material	TID NO.
1	SHELL	1	STAINLESS STEEL 304, BLACK NI 30U" MIN PLATED	3379
2	Mid Plate	1	STAINLESS STEEL 301, NO PLATED	
3	CONTACT	16	COPPER STEEL C18400, Au 3u"/Plated On Vontact Area GF Plated On Solder Area,Nickel 500"Min Underplating Over All.	
4	HOUSING	1	LCF/PA9T UL94 V-0	

PART NO.:  
DRAWN BY:  
K.DING  
CHECKED BY:  
S.L.LI  
GENERAL TOLERANCES  
HON YUAN  
HON YUAN PRECISION IND. CO.,LTD.  
SHENZHEN, CHINA, R.O.C.

USB TYPE-C FEMALE 16PIN (L=6.5)

规格 1.6 外形图附片款

ANGULAR	± 3°	THIRD ANGLE PROJECTION	DIMENSIONS	SCALE	DRAWING	SHEET NO. (DWG NO.)	1 OF 2	TC178-16S(B12R-01)
			mm	1:1	A4			



REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.20	NEW RELEASE
B	ECNE02105002	2021.05.06	增加真空包装料号规格
C	---	2024.02.20	更新新图框

PART NO.:	DRAWN BY:	HON YUAN	
SEE THE PART NUMBER CODE	K.DING	HON YUAN PRECISION IND. CO.,LTD.	
GENERAL TOLERANCES	CHECKED BY:	SHENZHEN, CHINA, R.O.C.	
X.XXXX ± ---	S.L.I	TITLE	
X.XXX ± 0.10	APPROVED BY:	USB TYPE-C FEMALE 16PIN (L=6.5)	
X.XX ± 0.20	W.P.LU	沉板1.6外壳带薄片款	
X.X ± 0.30	THIRD ANGLE PROJECTION	DIMENSIONS	
ANGULAR ± 3°		SCALE 1:1	
		DRAWING A4	
		SHEET NO. 2 OF 2	
		TCL78-16SCB12R-01	