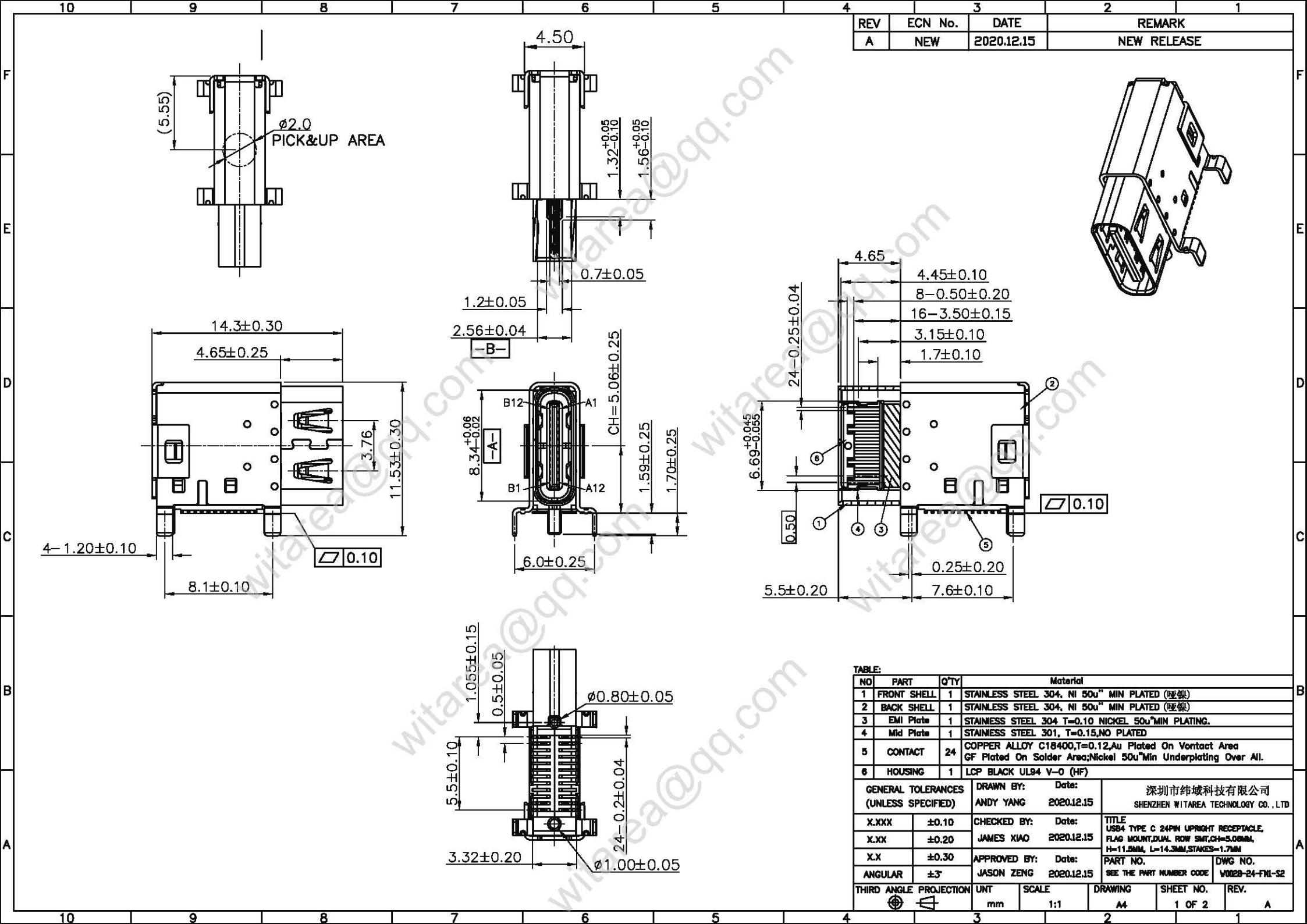
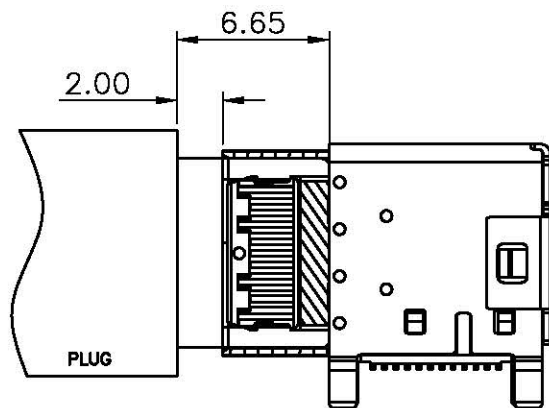


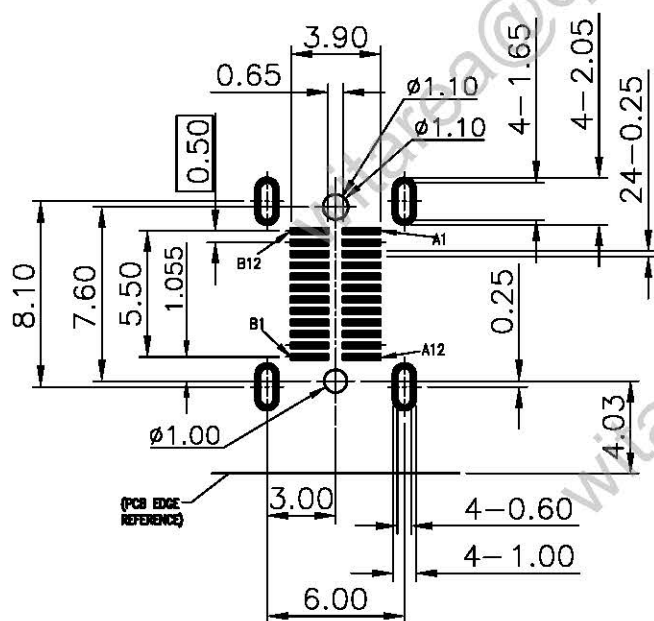


REV	ECN No.	DATE	REMARK
A	NEW	2020.12.15	NEW RELEASE

TABLE:		Material	
NO	PART	Q'TY	
1	FRONT SHELL	1	STAINLESS STEEL 304, NI 50u" MIN PLATED (镀镍)
2	BACK SHELL	1	STAINLESS STEEL 304, NI 50u" MIN PLATED (镀镍)
3	EMI Plate	1	STAINLESS STEEL 304 T=0.10 NICKEL 50u"MIN PLATING.
4	Mid Plate	1	STAINLESS STEEL 301, T=0.15,NO PLATED
5	CONTACT	24	COPPER ALLOY C18400,T=0.12,Au Plated On Vontact Area GF Plated On Solder Area;Nickel 50u"Min Underplating Over All.
6	HOUSING	1	LCP BLACK UL94 V-0 (HF)
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: ANDY YANG	Date: 2020.12.15
X.XXX		±0.10	CHECKED BY: JAMES XIAO
X.XX		±0.20	Date: 2020.12.15
X.X		±0.30	APPROVED BY: JASON ZENG
ANGULAR		±3°	Date: 2020.12.15
THIRD ANGLE PROJECTION		UNIT mm	SCALE 1:1
		DRAWING A4	SHEET NO. 1 OF 2
		REVISION A	
深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO.,LTD			
TITLE USB4 TYPE C 24PIN UPRIGHT RECEPTACLE, FLAG MOUNT,DUAL ROW SMT,CH=5.08MM, H=11.5MM, L=14.3MM,STAKES=1.7MM			
PART NO. V0028-24-FNL-S2			
DWG NO.			



MATED CONDITION(REF.)



RECOMMENDED P.C.B LAYOUT
TOLERANCE $\pm 0.05\text{mm}$ (TOP VIEW)

REV	ECN No.	DATE	REMARK
A	NEW	2020.12.15	NEW RELEASE

NOTE:

- 1.ELECTRICAL PERFORMANCE,
 - 1-1. CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
 - 1-2. VOLTAGE RATING:20V DC/AC (RMS. MAX)
 - 1-3. LLCR:.
VBUS & GND PINS AND OTHER PINS: 40M Ω /PIN MAX.
SHIELD:50M Ω /MAX.
LLCR MAX. CHANGE OF ALL PINS: 10M Ω .
 - 1-4.INSULATION RESISTANCE: 100M Ω MIN
 - 1-5.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 2.MECHANICAL PERFORMANCE,
 - 2-1.INSERTION FORCE: 5~20N.
 - 2-2.EXTRACTION FORCE: 8~20N.
 - 2-3.DURABILITY: 10000 CYCLES.
- 3.ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
- 4.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C .
- 5.COMPLIANCE WITH ROHS REQUIREMENTS.
- 6.SALT SPRAY:48H

PIN DEFINITION:

PIN No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
PIN No.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: ANDY YANG	Date: 2020.12.15	深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO.,LTD	
X.XXX	± 0.10	CHECKED BY:	Date:	TITLE USB4 TYPE C 24PIN UPRIGHT RECEPTACLE, FLAG MOUNT,DUAL ROW SMT,CH=5.08MM, H=11.5MM, L=14.3MM,STAKES=1.7MM	
X.XX	± 0.20	JAMES XIAO	2020.12.15		
X.X	± 0.30	APPROVED BY:	Date:	PART NO. SEE THE PART NUMBER CODE	
ANGULAR	$\pm 3^{\circ}$	JASON ZENG	2020.12.15		
THIRD ANGLE PROJECTION	UNIT mm	SCALE 1:1	DRAWING A4	SHEET NO. 2 OF 2	REV. A