

REV	ECN No.	DATE	REMARK
A	NEW	2021.12.25	NEW RELEASE

NOTE:

1.MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC LCP UL 94 V-0;
- 1.2 CONTACT: COPPER ALLOY C18400
- 1.3 SHELL:STAINLESS STEEL SUS304
- 1.4 MID PLATE: STAINLESS STEEL(SUS301)
- 1.5 EMI PLATE: STAINLESS STEEL(SUS301)

2.ELECTRICAL CHARACTERISTICS;

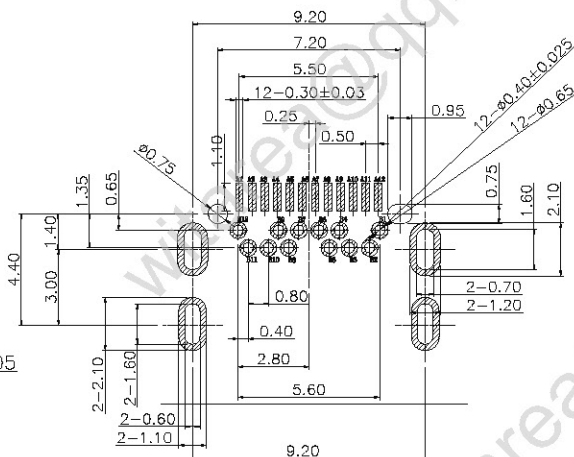
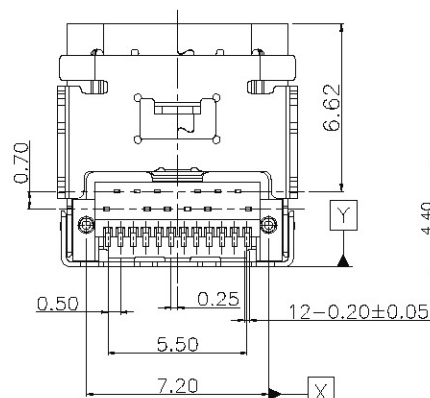
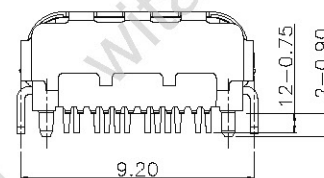
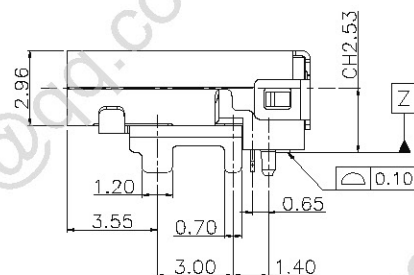
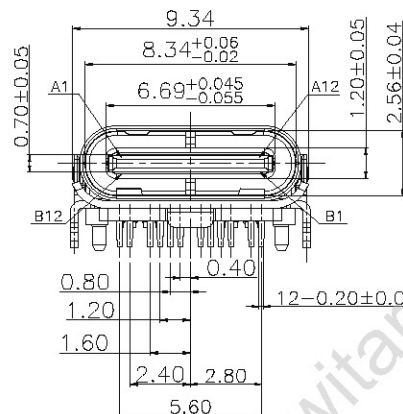
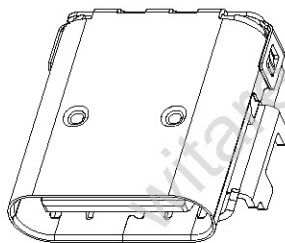
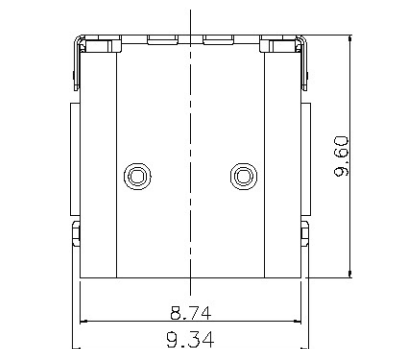
- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
- 2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
- 2.4 INSULATION RESISTANCE 100MΩ Min
- 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

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,



RECOMMENDED P.C.B LAYOUT
PCB THICKNESS 1.0±0.05mm

	A		B
1	GND	12	GND
2	TX1+	11	RX1+
3	TX1-	10	RX1-
4	VBUS	9	VBUS
5	CC1	8	SBU2
6	D+	7	D-
7	D-	6	D+
8	SBU1	5	CC2
9	VBUS	4	VBUS
10	RX2-	3	TX2-
11	RX2+	2	TX2+
12	GND	1	GND

PART NO.:
SEE THE PART NUMBER CODE

深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO., LTD

DRAWN BY
ANDY YANG

DATE
2021.12.25

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.XXXXX	±	---
X.XXX	±	0.10
X.XX	±	0.15
X.X	±	0.23
ANGULAR	±	---

TITLE
TYPE C 3.1/3.2 24PIN RECEPTACLE ,
TOP-MOUNT,DIP+SMT, CH=2.53MM,L=9.6MM

DWG.NO.
W0026-24-TM3-S9

SHEET NO.
1 OF 1

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SCALE
1:1

APPROVED BY
JASON ZENG

DATE
2021.12.25

THIRD ANGLE
PROJECTION