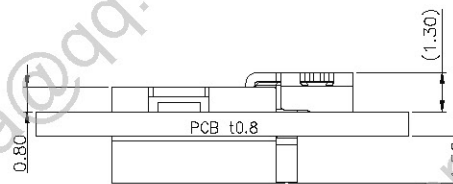
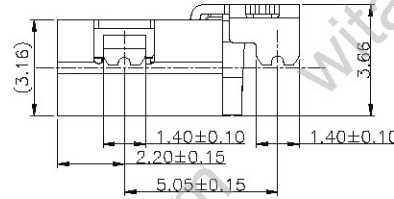
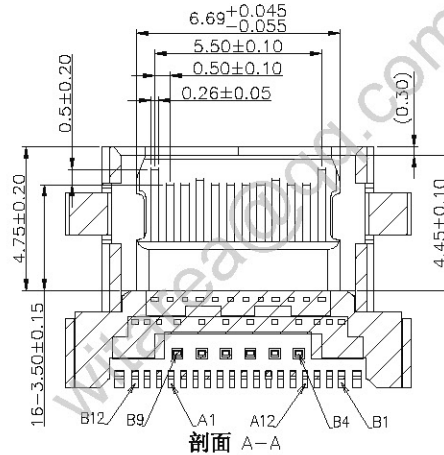
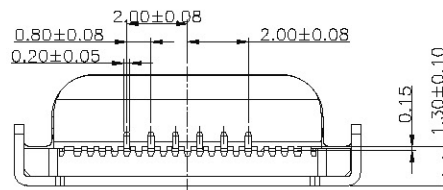
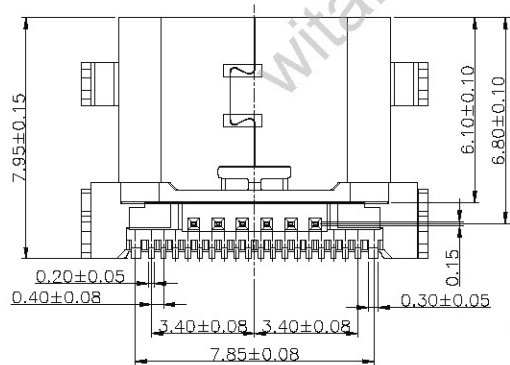
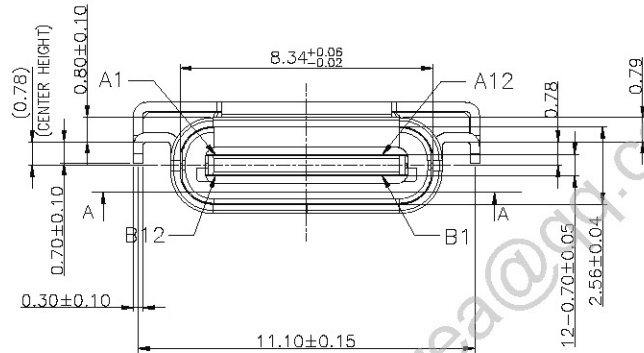
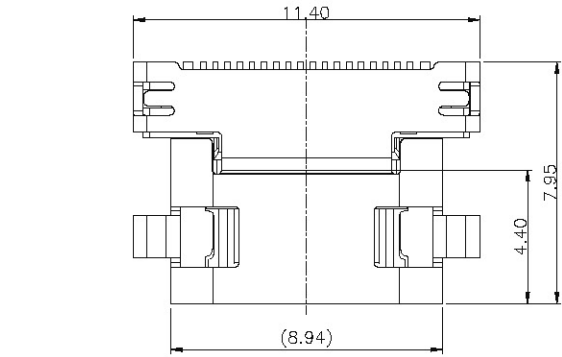


REV	ECN No.	DATE	REMARK
A	NEW	2021.08.12	NEW RELEASE

- NOTES:
- 1.MATERIAL:
MOLDING: LCP UL94 V-0
CONTACT: COPPER ALLOY.
PLATED SEE NOTE.

SHELL: SUS304-H,T=0.30±0.03mm
50u" NICKEL PLATING OVER ALL.
SHILD: SUS304-H,T=0.12±0.03mm
 - 2.MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N.
DURABILITY: 10000 CYCLES
 - 3.ELECTRICAL:
CURRENT: 5A MIN FOR VBUS;
0.25A MIN FOR OTHER.
VOLTAGE: 5VAC MAX
WITHSTANDING VOLTAGE: 100V AC.
CONTACT RESISTANCE: 40mΩ MAX.
INSULATION RESISTANCE: 100MΩ MIN.
 - 4.ENVIRONMENTAL
TEMPERATURE RANGE: -30°C TO +80°C



MOUNTING CONDITION (REF.)

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X.XXXX ± ---
0	X.XXX ± 0.10
0	X.XX ± 0.25
0	X.X ± 0.30
0	ANGULAR ± --°

深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO.,LTD	
TITLE	TYPE C 3.1/3.2 24PIN RECEPTACLE , MID-MOUNT OFFSET 2.36MM, DIP+SMT, CH=0.78MM, L=7.95MM
DWG.NO.	W0026-24-MM3-S8
SHEET NO.	1 OF 2
DIMENSION STYLE	MM ONLY
DESIGN UNITS	METRIC
SCALE	1:1

DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
THIRD ANGLE PROJECTION	

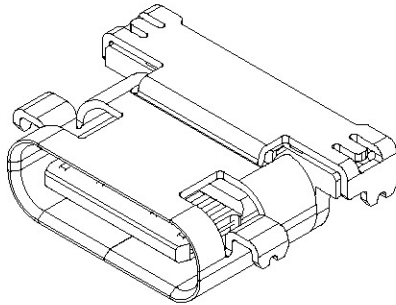
10
RoHS
Compliant



9
THIS DRAWING CONTAINS INFORMATION THAT IS
PROPRIETARY TO WITAREA TECHNOLOGY, AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION

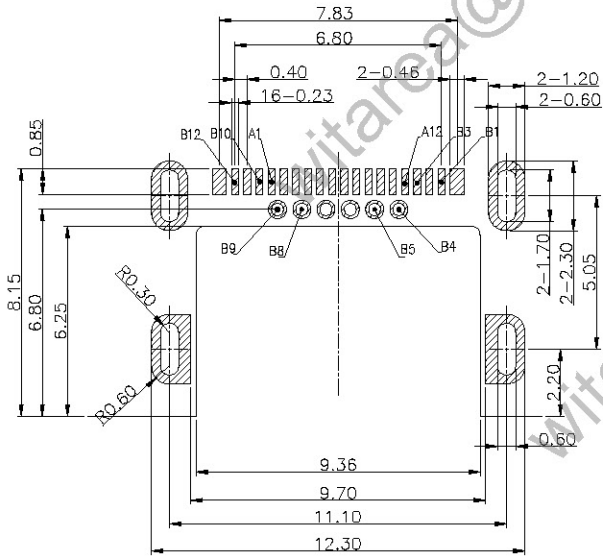
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REV	ECN No.	DATE	REMARK
A	NEW	2021.08.12	NEW RELEASE



USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use (SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05
KEEP OUT AREA

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	± 0.10
1	± 0.25
2	± 0.30
3	± 0.50
4	± 0.75
5	± 1.00
6	± 1.50
7	± 2.00
8	± 3.00
9	± 4.00
10	± 5.00
11	± 6.00
12	± 7.00
13	± 8.00
14	± 9.00
15	± 10.00
16	± 12.00
17	± 15.00
18	± 20.00
19	± 25.00
20	± 30.00
21	± 35.00
22	± 40.00
23	± 45.00
24	± 50.00
25	± 55.00
26	± 60.00
27	± 65.00
28	± 70.00
29	± 75.00
30	± 80.00
31	± 85.00
32	± 90.00
33	± 95.00
34	± 100.00
35	± 110.00
36	± 120.00
37	± 130.00
38	± 140.00
39	± 150.00
40	± 160.00
41	± 170.00
42	± 180.00
43	± 190.00
44	± 200.00
45	± 220.00
46	± 240.00
47	± 260.00
48	± 280.00
49	± 300.00
50	± 320.00
51	± 340.00
52	± 360.00
53	± 380.00
54	± 400.00
55	± 420.00
56	± 440.00
57	± 460.00
58	± 480.00
59	± 500.00
60	± 520.00
61	± 540.00
62	± 560.00
63	± 580.00
64	± 600.00
65	± 620.00
66	± 640.00
67	± 660.00
68	± 680.00
69	± 700.00
70	± 720.00
71	± 740.00
72	± 760.00
73	± 780.00
74	± 800.00
75	± 820.00
76	± 840.00
77	± 860.00
78	± 880.00
79	± 900.00
80	± 920.00
81	± 940.00
82	± 960.00
83	± 980.00
84	± 1000.00
85	± 1050.00
86	± 1100.00
87	± 1150.00
88	± 1200.00
89	± 1250.00
90	± 1300.00
91	± 1350.00
92	± 1400.00
93	± 1450.00
94	± 1500.00
95	± 1550.00
96	± 1600.00
97	± 1650.00
98	± 1700.00
99	± 1750.00
100	± 1800.00
101	± 1850.00
102	± 1900.00
103	± 1950.00
104	± 2000.00
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107	± 2150.00
108	± 2200.00
109	± 2250.00
110	± 2300.00
111	± 2350.00
112	± 2400.00
113	± 2450.00
114	± 2500.00
115	± 2550.00
116	± 2600.00
117	± 2650.00
118	± 2700.00
119	± 2750.00
120	± 2800.00
121	± 2850.00
122	± 2900.00
123	± 2950.00
124	± 3000.00
125	± 3050.00
126	± 3100.00
127	± 3150.00
128	± 3200.00
129	± 3250.00
130	± 3300.00
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133	± 3450.00
134	± 3500.00
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140	± 3800.00
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142	± 3900.00
143	± 3950.00
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