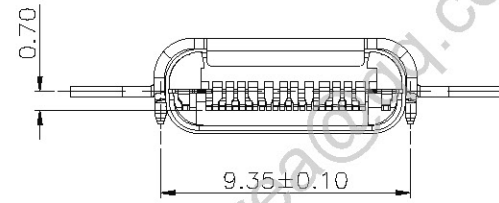
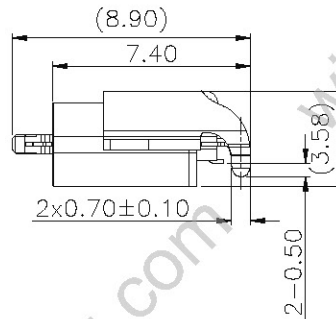
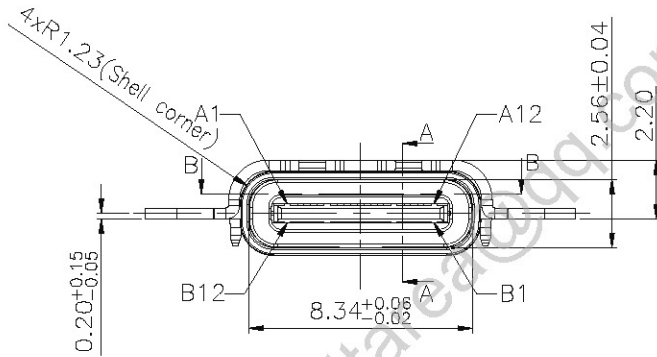
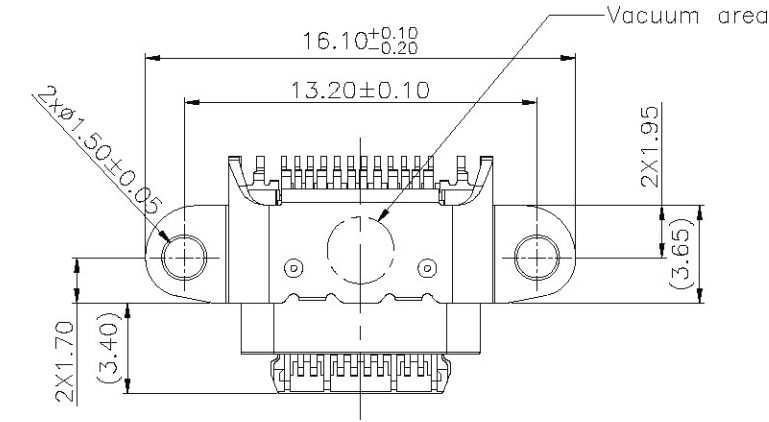


REV	ECN No.	DATE	REMARK
A	NEW	2022.02.12	NEW RELEASE

Remark:

- MECHANICAL PERFORMANCE,
 - 1-1.INSERTION FORCE: 5~20N.
 - 1-2.EXTRACTION FORCE: 8~20N INITIAL,6~20N AFTER TEST;
 - 1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - 2-1. CURRENT RATING:5A MIN FOR VBUS,0.25A MIN FOR OTHERS VOLTAGE RATING: 20V MAX.
 - 2-2. LLGR: VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - 2-3.INSULATION RESISTANCE: 100MΩ MIN
 - 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 4.PIN DEFINITION: (Some GND pins(A1,A12,B1,B2) and Mid Plate may connect together.)



Item	Title	Material	Dispose
1	Frame	Stainless Steel, T=0.40	Ni:40u" Min.
2	Shell	Stainless Steel, T=0.30	Ni:40u" Min.
3	GND Plate	Stainless Steel, T=0.10	None
4	Mid Plate	Stainless Steel, T=0.15	Ni 40u"Min.+Solder area: Au 1u"Min.
5	Top Contact	Copper Alloy, T=0.12	Mating Area: Ni 80u"+Au 15u" Min.
6	Bottom Contact	Copper Alloy, T=0.12	Solder Tails: Ni 80u"+Au 1u" Min.
7	Housing A	High Temperature Plastic	UL 94V-0/Black
8	Housing B	High Temperature Plastic	UL 94V-0/Black
9	Housing C	High Temperature Plastic	UL 94V-0/Black

PART NO.:
SEE THE PART NUMBER CODE

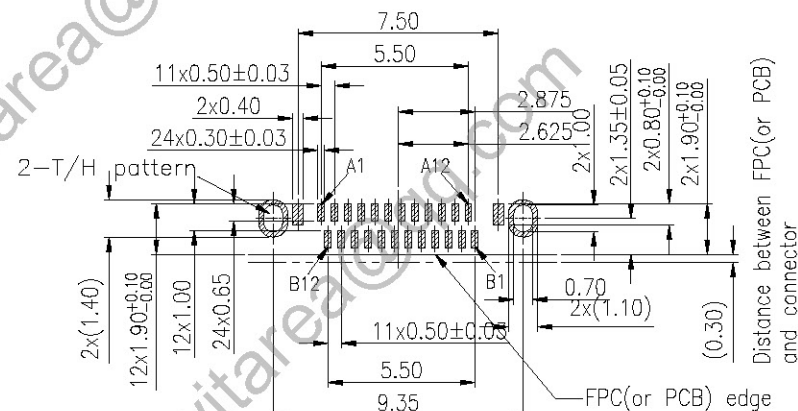
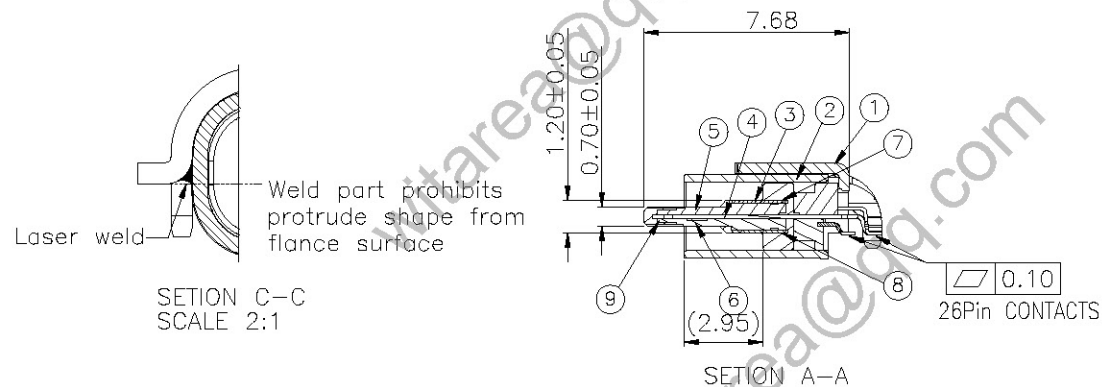
GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.XXXX	± ---
X.XXX	± 0.10
X.XX	± 0.15
X.X	± 0.25
ANGULAR	± ---°

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

TITLE USB 4.0 TYPE C 24PIN RECEPTACLE , MID-MOUNT OFFSET, DUAL-ROW SMT, EXPOSED TONGUE, WITH BRACKET AND FLANGE, CH=0.7MM, L=8.9MM	
DWG.NO. W0028-24-MM1-S2	SHEET NO. 1 OF 2
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC
SCALE 1:1	

DRAWN BY ANDY YANG	DATE 2022.02.12
CHECKED BY JAMES XIAD	DATE 2022.02.12
APPROVED BY JASON ZENG	DATE 2022.02.12
THIRD ANGLE PROJECTION	

深圳市纬域科技有限公司 ZHEN WITAREA TECHNOLOGY CO.,LTD			DRAWN BY ANDY YANG		DATE 2022.02.12	
TYPE C 24PIN RECEPTACLE , MID-MOUNT OFFSET, W SMT, EXPOSED TONGUE, WITH BRACKET AND FLANGE, L=8.9MM			CHECKED BY JAMES XIAO		DATE 2022.02.12	
W0028-24-MM1-S2			SHEET NO. 2 OF 2		APPROVED BY JASON ZENG	
IN STYLE ONLY		DESIGN UNITS METRIC		SCALE 1:1		 THIRD ANGLE PROJECTION



RECOMMENDED PCB LAYOUT
DEFAULT TOLERANCE:±0.05

1. PIN DEFINITION: (Some GND pins(A1,A12,B1,B12) and Mid Plate may connect together.)

Mid Plate	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
	GND	TX1+	TX1-	VBus	CC1	D+	D-	SBU1	VBus	RX2-	RX2+	GND
	GND	RX1+	RX1-	VBus	SBU2	D-	D+	CC2	VBus	TX2-	TX2+	GND
	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
$\nabla = 0$	$\pm$ ---
$\nabla = 0.1$	$\pm$ 0.10
$\nabla = 0.15$	$\pm$ 0.15
$\nabla = 0.25$	$\pm$ 0.25
ANGULAR	$\pm$ --'

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

TITLE	USB 4.0 TYPE C 24PIN RECEPTACLE , MID-MOUNT OFFSET, DUAL-ROW SMT, EXPOSED TONGUE, WITH BRACKET AND FLANGE. CH=0.7MM, L=8.9MM
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DWG.NO.	W0028-24-MM1-S2	SHEET NO.	3 OF 5
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DIMENSION STYLE	DESIGN UNITS	SCALE
MM ONLY	METRIC	1:1

DRAWN BY	DATE
ANDY YANG	2022.02.12

CHECKED BY	DATE
JAMES XIAD	2022.02.12

APPROVED BY	DATE
JASON ZENG	2022.02.12



THIRD ANGLE
PROJECTION