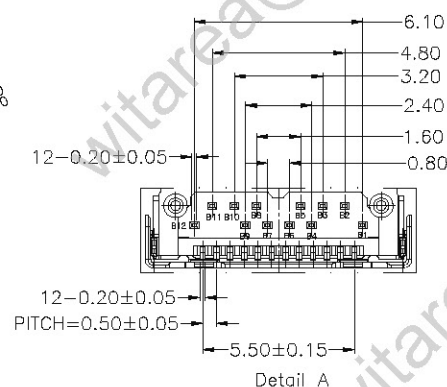
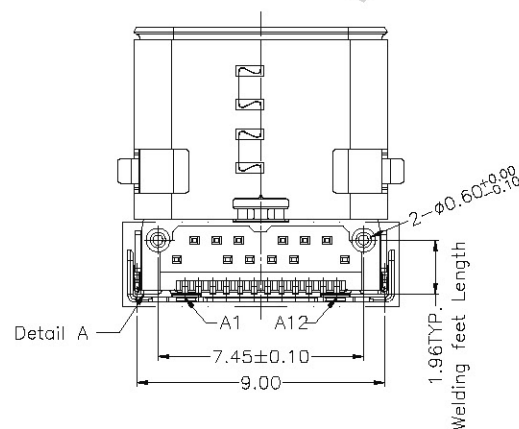
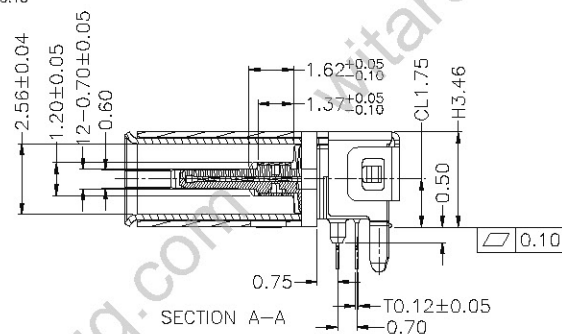
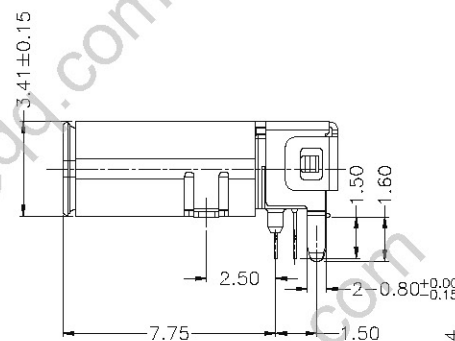
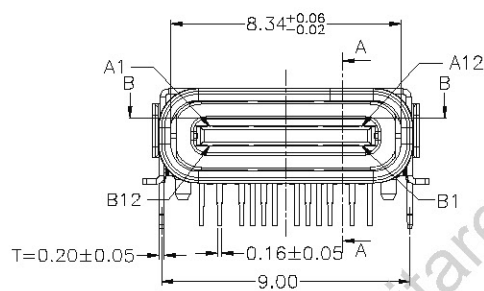
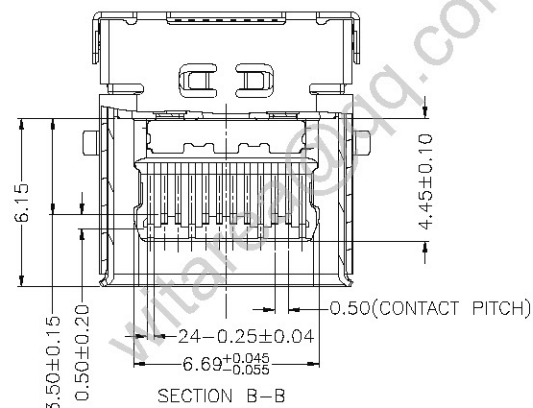
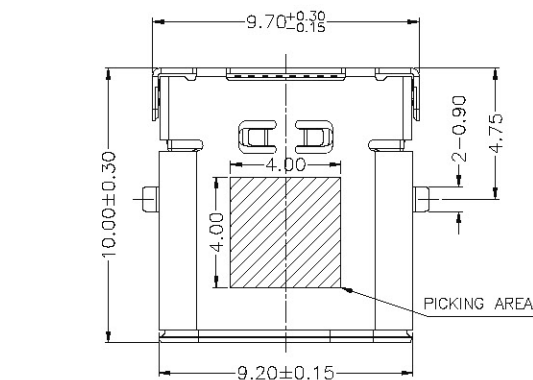


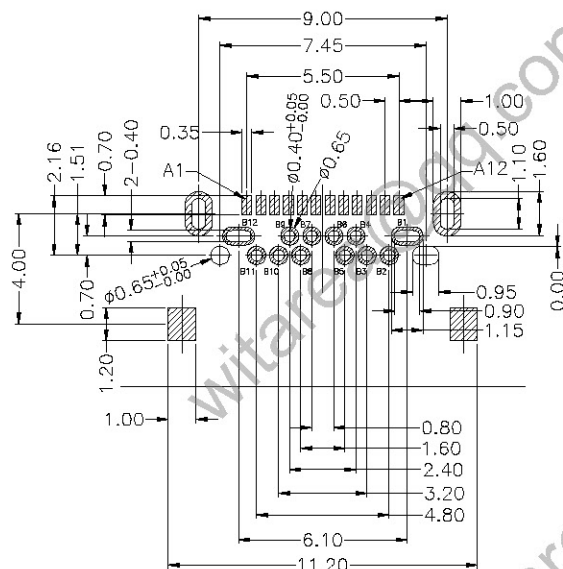
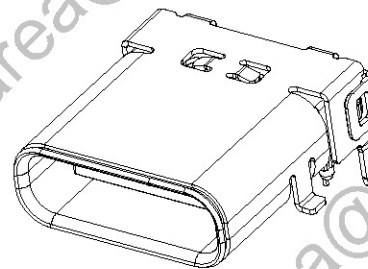
NOTE:

1. MATERIAL SPECIFICATION:
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC (LCP), UL94 V-0.
2. CONTACTS: COPPER ALLOY (C18150) T=0.12mm
3. MID PLATE: STAINLESS STEEL (SUS301) T=0.15mm
4. EMC PLATE: STAINLESS STEEL (SUS301) T=0.10mm
5. OUTER/INNER SHELL: STAINLESS STEEL (SUS304) T=0.20mm
2. PLATING SPECIFICATION:
2-1. CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
MATT Sn PLATED ON THE SOLDER AREA OF CONTACT.
- 2-2. OUTER/INNER SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
- 2-3. MID PLATE:
None
- 2-4. EMC PLATE:
None
3. MECHANICAL PERFORMANCE,
3-1. INSERTION FORCE: 5~20N.
3-2. EXTRACTION FORCE: 8~20N INITIAL, 6~20N AFTER TEST;
3-3. DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING: 5A MIN FOR VBUS, 1.25A FOR GND,
0.25A MIN FOR OTHERS. VOLTAGE RATING: 20V MAX.
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
4-3. INSULATION RESISTANCE: 100MΩ MIN
4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C ~ +85°C.
6. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C MAX.
7. MID PLATE, EMC PLATE, SHELL CONNECTED TOGETHER



QUALITY SYMBOL = 0 ▽ = 0 = 0 ▴ = 0	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 2022.03.03	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT, DIP+SMT, WITH BRACKET, CH=1.75MM, L=10MM			CHECKED BY JAMES XIAD	DATE 2022.03.03	
			DWG.NO. W0026-24-TM3-S23			SHEET NO. 1 OF 2	APPROVED BY JASON ZENG	DATE 2022.03.03
			DIMENSION STYLE MM ONLY			DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	X.XXXX	± ---						
	X.XXX	± 0.10						
X.XX	± 0.25							
X.X	± 0.30							
ANGULAR	± --°							

frame size: A4



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

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	Configuration 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

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: 2022.03.03

GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.XXXXX	± 0.05
X.XXX	± 0.10
X.XX	± 0.25
X.X	± 0.30
ANGULAR	± 0.5°

TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT, DIP+SMT, WITH BRACKET, CH=1.75MM, L=10MM	
DWG.ND. W0026-24-TM3-S23	SHEET NO. 2 OF 2
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC
SCALE 1:1	

CHECKED BY JAMES XIAD	DATE 2022.03.03
APPROVED BY JASON ZENG	DATE 2022.03.03

