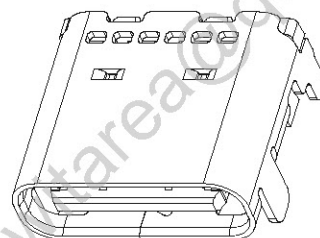
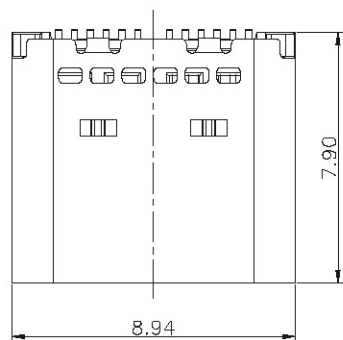
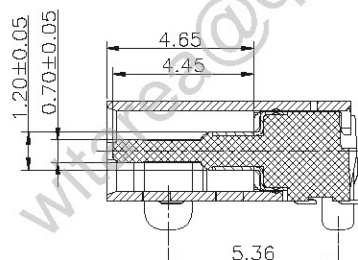
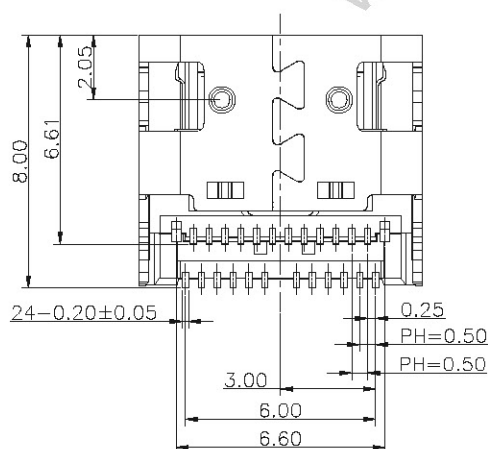
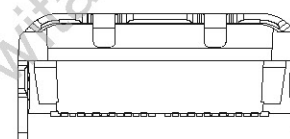
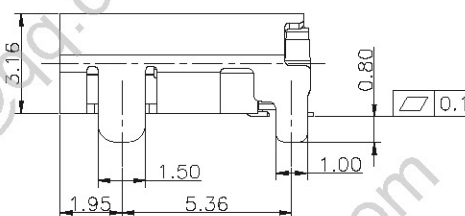
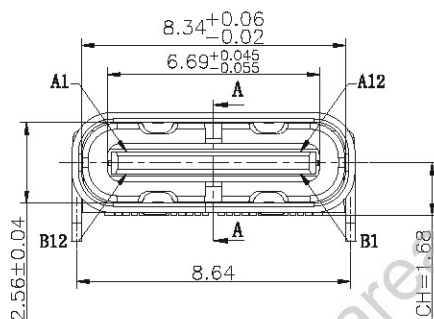


REV	ECN No.	DATE	REMARK
A	NEW	2021.06.16	NEW RELEASE



NOTE:
 1.MATERIAL SPECIFICATION:
 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC, LCP UL94 V-0.
 1-2.TERMINAL: COPPER ALLOY(C18400)
 1-3.MID PLATE: STAINLESS STEEL(SUS301 T=0.15mm)
 1-4.FRONT SHELL: STAINLESS STEEL(SUS304 T=0.3mm)
 1-5.EMI PLATE: STAINLESS STEEL(SUS304 T=0.10mm)
 2.PLATING SPECIFICATION:
 2-1.TERMINAL:
 Ni 50u" MIN. UNDER PLATED OVER ALL.
 Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
 (GOLD PLATING THICKNESS FOLLOW THE P/N)
 PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 2-2.FRONT SHELL:
 Ni 30u" MIN. UNDER PLATED OVER ALL.
 2-3.MID PLATE
 CLEAR ONLY
 2-4.EMI PLATE:
 CLEAR ONLY
 3.MECHANICAL PERFORMANCE,
 3-1.INSERTION FORCE: 0.5~2.0kgf.
 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 3-3.DURABILITY: 10000 CYCLES.
 4.ELECTRICAL PERFORMANCE,
 4-1. VOLTAGE RATING:5 V DC/AC (RMS. max)
 CURRENT RATING:5 AMPS; FOR TOTAL VBUS/GND PINS;
 1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.
 4-2. LLCR:
 VBUS & GND PINS AND OTHER PINS: 40mQ/PIN MAX.
 SHIELD: 50mQ/MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10mQ.
 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.



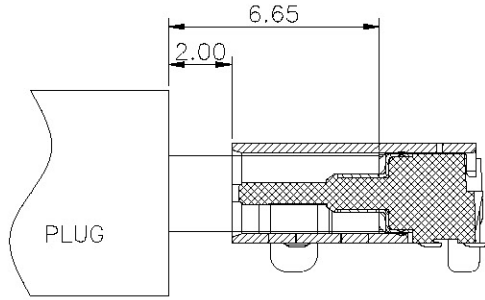
SECTION A-A
SCALE 1:1

PART NO.:
SEE THE PART NUMBER CODE

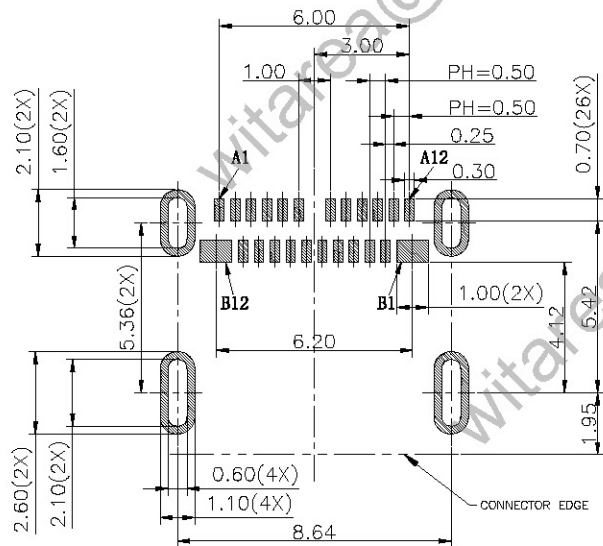
GENERAL TOLERANCES (UNLESS SPECIFIED)	
X.XXXX	± ---
X.XXX	± 0.10
X.XX	± 0.25
X.X	± 0.30
ANGULAR	± --°

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 , TOP-MOUNT, DUAL ROW SMT, MOLEX TYPE, CH=1.68MM,L=7.9MM	
DWG.NO. W0026-24-TM1-S4	SHEET NO. 1 OF 3
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC
SCALE 1:1	

DRAWN BY ANDY YANG	DATE 2021.06.16
CHECKED BY JAMES XIAO	DATE 2021.06.16
APPROVED BY JASON ZENG	DATE 2021.06.16
THIRD ANGLE PROJECTION	



MATED CONDITION(REF.)



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

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	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
2021.06.16

CHECKED BY
JAMES XIAO

DATE
2021.06.16

APPROVED BY
JASON ZENG

DATE
2021.06.16

QUALITY SYMBOL
0 ∇ = 0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

x.xxxx	$\pm$ ---
x.xxx	$\pm$ 0.10
x.xx	$\pm$ 0.25
x.x	$\pm$ 0.30
ANGULAR	$\pm$ --°

TITLE
TYPE C 3.1/3.2 24PIN RECEPTACLE , TOP-MOUNT,
DUAL ROW SMT, MOLEX TYPE, CH=1.68MM,L=7.9MM

DWG.NO.
W0026-24-TM1-S4

SHEET NO.
2 OF 3

SCALE
1:1

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

REEL OFF
DIRECTION

QUALITY SYMBOL	
	GENERAL TOLERANCES (UNLESS SPECIFIED)
$\nabla = 0$	x,xxxx $\pm$ ---
$\nabla \neq 0$	x,xxx $\pm$ 0.10
	x,xx $\pm$ 0.25
	x,x $\pm$ 0.30
	ANGULAR $\pm$ --°

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 , TOP-MOUNT,
DUAL ROW SMT, MOLEX TYPE, CH=1.68MM,L=7.9MM

DWG.NO.	W0026-24-TM1-S4
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DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SHEET NO.
2 OF 2

	SCAL
	1:1

DRAWN BY	DATE
ANDY YANG	2021.06.16

CHECKED BY	DATE
JAMES XIAD	2021.06.16

APPROVED BY	DATE
JASON ZENG	2021.06.16



THIRD ANGLE
PROJECTION

frame size: A4