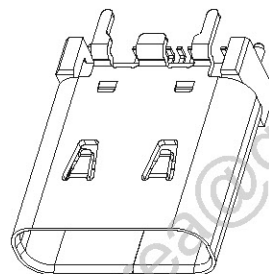
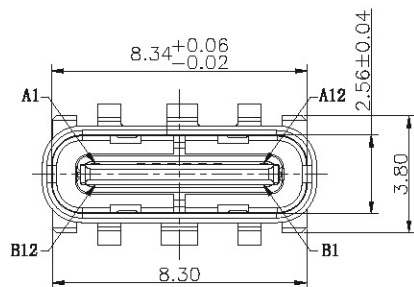
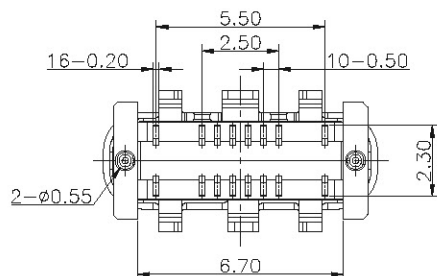
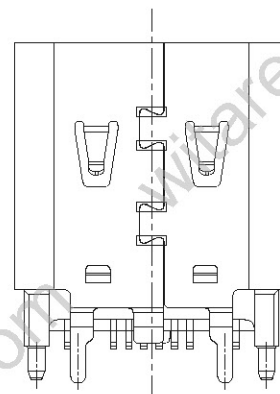
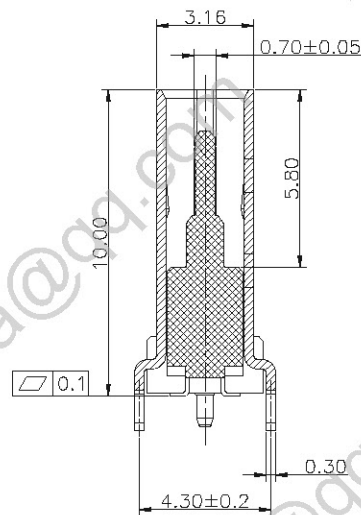
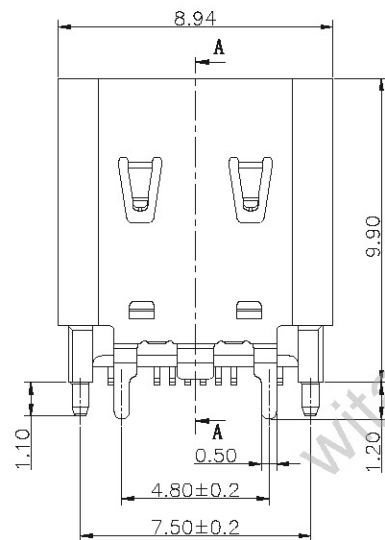


REV	ECN No.	DATE	REMARK
A	NEW	2022.02.14	NEW RELEASE



NOTE:
 1.MATERIAL SPECIFICATION:
 1-1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
 1-2.TERMINAL: COPPER ALLOY
 1-3.MID PLATE: STAINLESS STEEL(SUS301 T=0.15mm)
 1-4.FRONT SHELL: STAINLESS STEEL(SUS304 T=0.3mm)
 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: 40mΩ/PIN MAX.
 SHIELD: 50mΩ/MAX.
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 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.



PART NO.:
SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X:XXXX ± ---
0	X:XXX ± 0.10
0	X:XX ± 0.20
0	X:X ± 0.30
0	ANGULAR ± --°

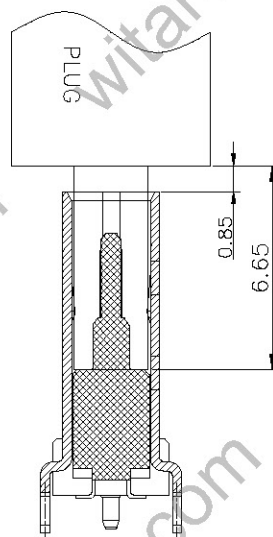
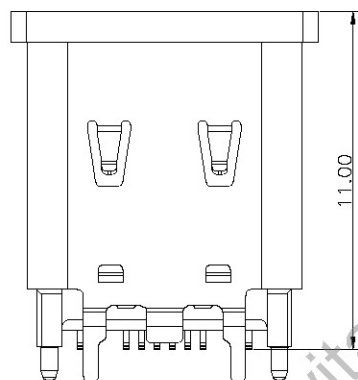
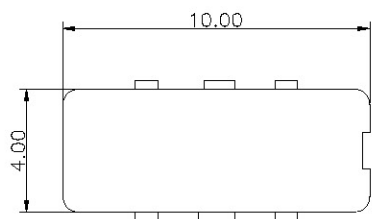
深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO., LTD		
TITLE TYPE C 2.0 16PIN RECEPTACLE , VERTICAL-MOUNT, DUAL-ROW SMT, WITH SPRING, H=10MM, L=10MM		
DWG.NO. W0026-16-VMI-S4C	SHEET NO. 1 OF 2	
DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1

DRAWN BY ANDY YANG	DATE 2022.02.14
CHECKED BY JAMES XIAO	DATE 2022.02.14
APPROVED BY JASON ZENG	DATE 2022.02.14
THIRD ANGLE PROJECTION	

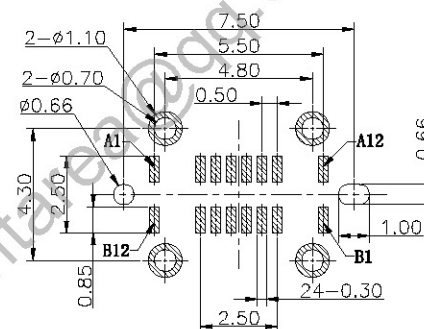
**RoHS
Compliant**

REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE

WITH PICK UP COVER



AFTER MATING



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
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
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	DATE
ANDY YANG	2015.05.10

CHECKED BY	DATE
JAMES XIAO	2015.05.10

APPROVED BY	DATE
JASON ZENG	2015.05.10



THIRD ANGLE
PROJECTION

TITLE	TYPE C 2.0 16PIN RECEPTACLE , VERTICAL-MOUNT, DUAL-ROW SMT, WITH SPRING, H=10MM, L=10MM
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DWG.NO.	W0026-16-VM1-S4C	SHEET NO.	2 OF 2
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DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SCALE
1:1

frame size: A4