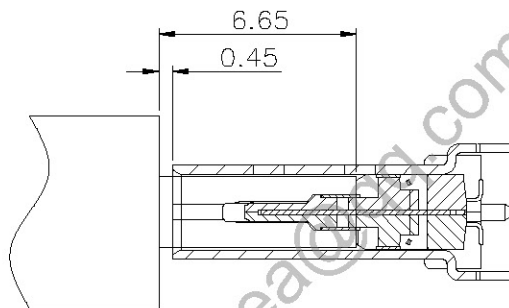
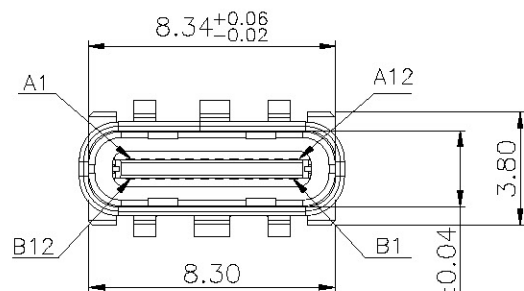
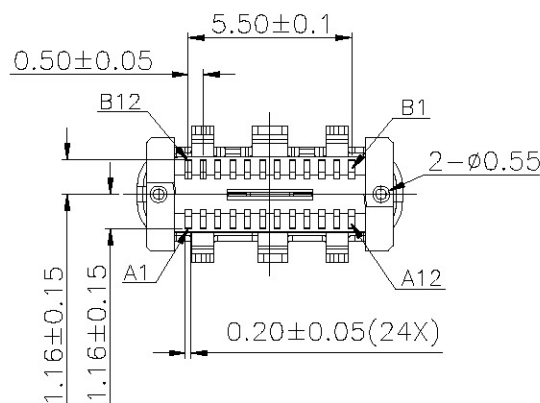
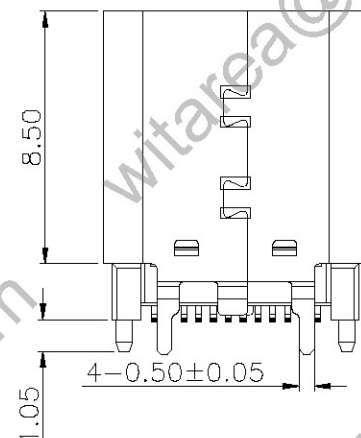
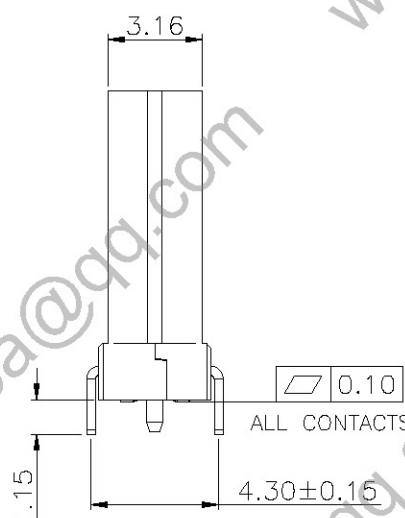
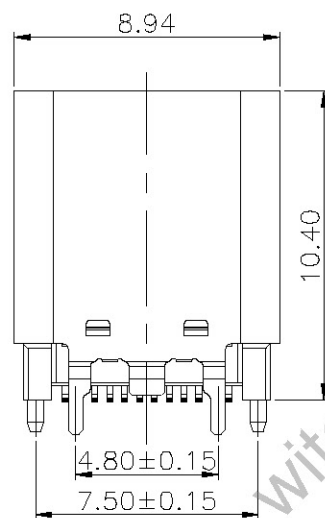


REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.21	NEW RELEASE



AFTER MATING



SECTION:A-A

NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC(LCP),UL94 V-0.
 - CONTACTS:COPPER ALLOY(C18150)T=0.12mm
 - MID PLATE: STAINLESS STEEL(SUS301)T=0.20mm
 - EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm
 - SHELL: STAINLESS STEEL(SUS304)T=0.30mm
- PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - FRONT SHELL&OUTER SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
 - CLEAR ONLY
 - EMI PLATE:
 - CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - EXTRACTION FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- 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)
X.XXXXX	± ---
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 , VERTICAL-MOUNT , DUAL ROW SMT, ,H=10.4MM, L=10.4MM, SOLDER TAB=1.15MM
DWG.NO.	WD026-24-VM1-S9A
SHEET NO.	1 OF 2
DIMENSION STYLE	MM ONLY
DESIGN UNITS	METRIC
SCALE	1:1

DRAWN BY ANDY YANG	DATE 2019.11.21
CHECKED BY JAMES XIAO	DATE 2019.11.21
APPROVED BY JASON ZENG	DATE 2019.11.21
THIRD ANGLE PROJECTION	

Technical drawing of a mechanical assembly, likely a pump or motor component, showing dimensions and part labels.

Dimensions (mm):

- Overall width: 7.50
- Overall height: 5.50
- Internal width: 4.80
- Internal height: 4.50
- Internal width: 3.50
- Internal height: 2.50
- Internal width: 1.50
- Internal height: 0.50
- Vertical spacing (left side): 4.30, 1.26, 0.41, 1.26, 0.41
- Horizontal spacing (bottom): 0.30 (24X)
- Horizontal spacing (right side): 1.00
- Horizontal spacing (far right): 0.58

Part Labels:

- $\phi 1.10(4X)$
- $\phi 0.70(4X)$
- $\phi 0.66$
- A1
- A12
- B12
- B1

RECOMMENDED PCB LAYOUT(TOP VIEW)

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	V _{bus}		B9	V _{bus}
	A5	CC1		B8	SBU2
	A6	Dp1		B7	Dn2
	A7	Dn1		B6	Dp2
	A8	SBU1		B5	CC2
	A9	V _{bus}		B4	V _{bus}
	A10	SSRXn2		B3	SSTXn2
	A11	SSRXp2		B2	SSTXp2
	A12	GND		B1	GND

frame size: A4