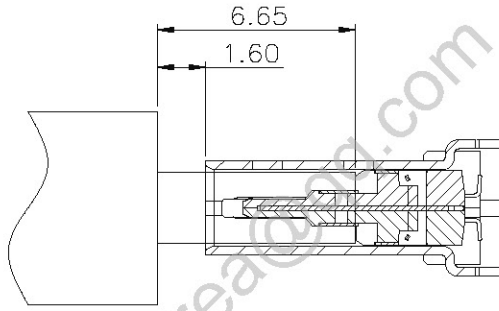
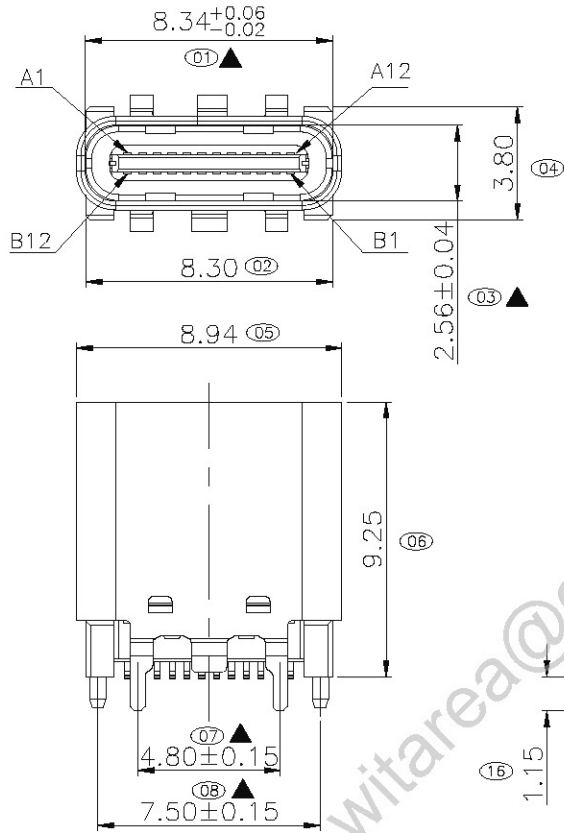
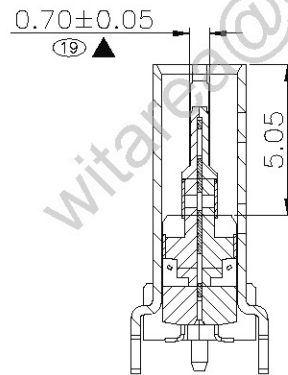
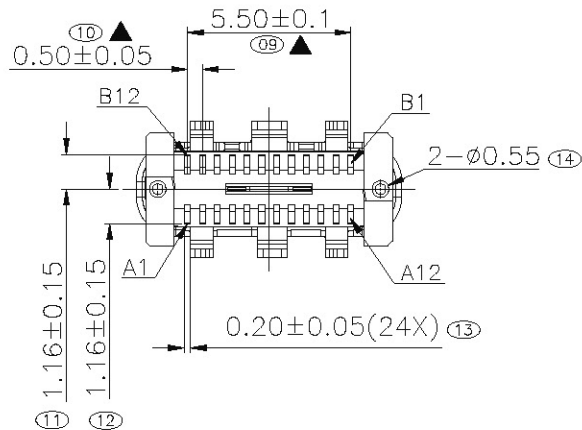


REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.21	NEW RELEASE



AFTER MATING



SECTION:A-A

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=0.20mm
 4. EMI PLATE: STAINLESS STEEL (SUS301) T=0.10mm
 5. SHELL: STAINLESS STEEL (SUS304) T=0.30mm
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)
 - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - 2-2. FRONT SHELL & OUTER 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. EXTRACTION FORCE: 0.8kgf~2.0kgf.
 - 3-3. DURABILITY: 10000 CYCLES.
4. ELECTRICAL PERFORMANCE:
 - 4-1. CURRENT RATING: 5.0A
VOLTAGE RATING: 5.0V
 - 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.
7. 注: 带 "▲" 符号为重点管控尺寸
 * (01) * 为尺寸号码球

TABLE:

ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA SOLDER AREA CONTACTS	SHELL PLATING	包装要求
1		BLACK	Au:3u"	Sn	Ni 载带密封(不常做)
2		BLACK	Au:3u"	Sn	Ni 载带密封
3		BLACK	Au:15u"	Sn	Ni 载带密封
4		BLACK	Au:30u"	Sn	Ni 载带密封
5		BLACK	Au:3u"	Sn	Ni 载带密封+CAI+真空包装
6		本色	Au:3u"	Sn	Ni 载带密封

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	± ---°

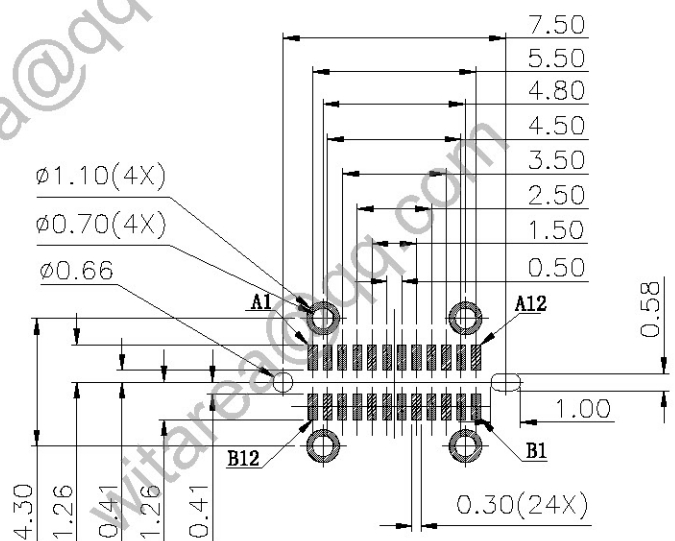
深圳市纬域科技有限公司
SHENZHEN WITAREA TECHNOLOGY CO., LTD

TITLE	TYPE C 3.1/3.2 24PIN RECEPTACLE, VERTICAL-MOUNT, DUAL ROW SMT, H=9.25MM, L=9.25MM
DWG.NO.	W0026-24-VM1-S7
SHEET NO.	1 OF 2
DIMENSION STYLE	MM ONLY
DESIGN UNITS	METRIC
SCALE	1:1

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

THIRD ANGLE PROJECTION

QUALITY SYMBOL = 0 ▽ = 0 ▴ = 0 ▾ = 0 ▿ = 0 ▸ = 0 ▹ = 0 ► = 0 ▻ = 0 ▼ = 0 ▽ = 0 ▾ = 0 ▿ = 0 ▸ = 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 2019.11.21			
	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE TYPE C 3.1/3.2 24PIN RECEPTACLE , VERTICAL-MOUNT , DUAL ROW SMT, H=9.25MM, L=9.25MM			CHECKED BY JAMES XIAD		DATE 2019.11.21			
			DWG.NO. W0026-24-VM1-S7			SHEET NO. 2 OF 2		APPROVED BY JASDN ZENG		DATE 2019.11.21	
	x.xxxx		± ---								
	x.xxx		± 0.10								
	x.xx		± 0.25								
x.x		± 0.30									
ANGULAR		± --°									
			DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC		SCALE 1:1		 THIRD ANGLE PROJECTION		



RECOMMENDED PCB LAYOUT(TOP VIEW)

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