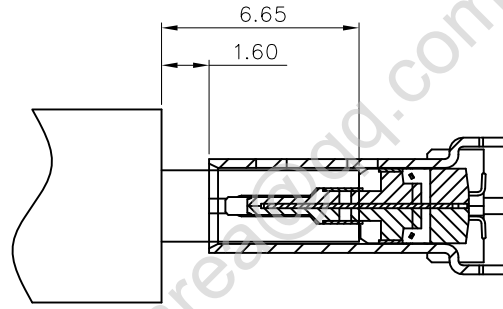
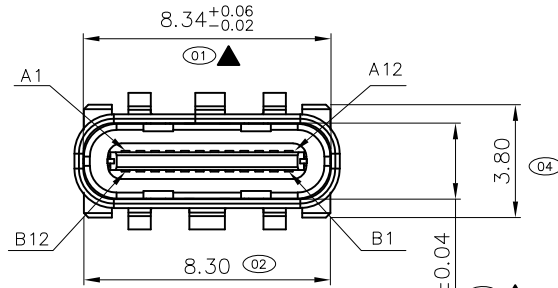
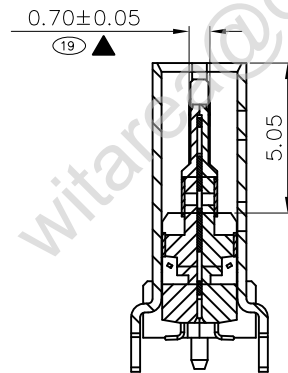
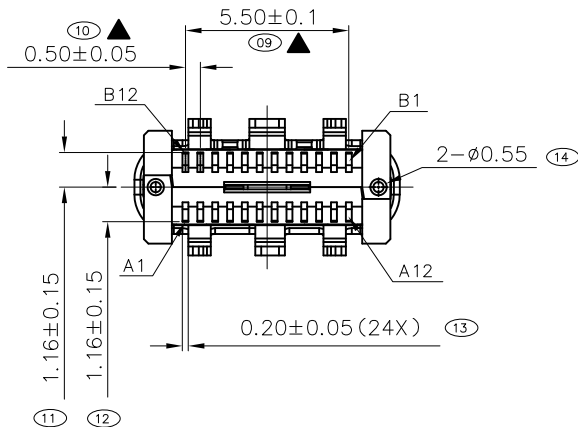
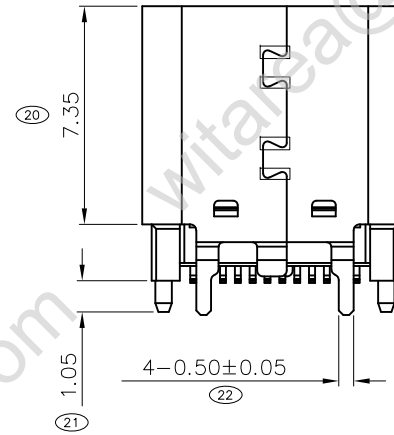
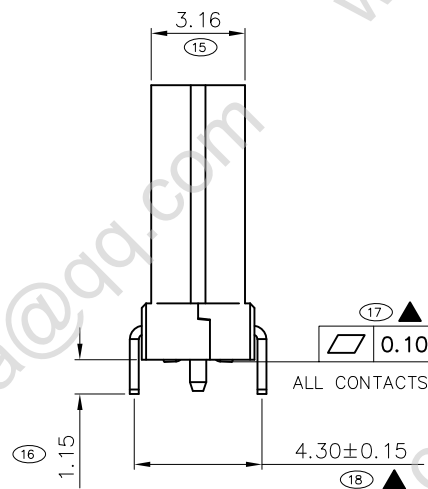
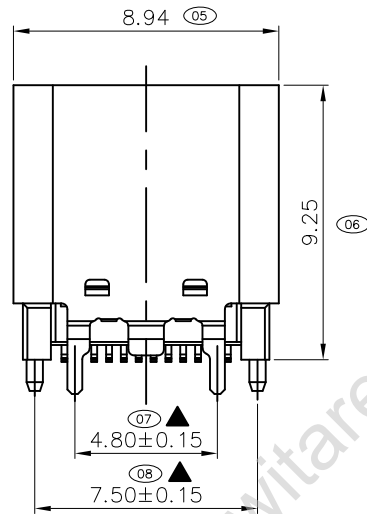


REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.21	NEW RELEASE



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℃~+85℃.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.
- 7.注: 带 "▲" 号的为重点管控尺寸
"XX" 为尺寸号码球

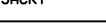
PART NO.:
SEE THE PART NUMBER CODE

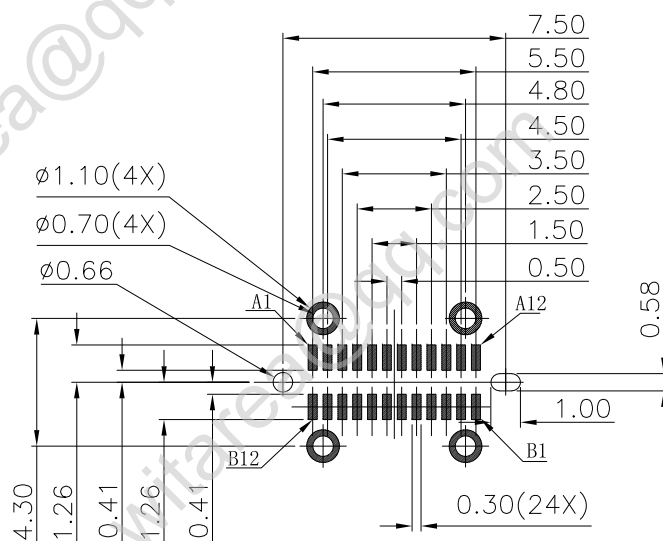
QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	X.XXXX ± ---
0	X.XXX ± 0.10
0	X.XX ± 0.25
0	X.X ± 0.30
0	ANGULAR ± ---°

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

TITLE	DWG.NO.	SHEET NO.
USB 3.1 TYPE C FEMALE VERTICAL H9.25mm SMT TYPE	W0026-24-VM1-S7	1 OF 2
DIMENSION STYLE	DESIGN UNITS	SCALE
MM ONLY	METRIC	1:1

DRAWN BY	DATE
SAM	2019.11.21
CHECKED BY	DATE
JAY	2019.11.21
APPROVED BY	DATE
JACKY	2019.11.21
THIRD ANGLE PROJECTION	

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 SAM		DATE 2019.11.21				
QUALITY SYMBOL 0  = 0 0  = 0 0  = 0 0  = 0 0  = 0 0  = 0 0  = 0 0  = 0 0  = 0 0  = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB 3.1 TYPE C FEMALE VERTICAL H9.25mm SMT TYPE			CHECKED BY JAY		DATE 2019.11.21				
	X.XXXXX		± ---		DWG.NO. W0026-24-VM1-S7		SHEET NO. 2 OF 2		APPROVED BY JACKY		DATE 2019.11.21	
	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	



USB TYPE-C PIN ASSIGNMENTS

PIN	NUMBER	SIGNAL	NAME
	A1		GND
	A2		SSTXp1
	A3		SSTXn1
	A4		V _{Bus}
	A5		CC1
	A6		Dp1
	A7		Dn1
	A8		SBU1
	A9		V _{Bus}
	A10		SSRXn2
	A11		SSRXp2
	A12		GND

PIN	NUMBER	SIGNAL	NAME
	B12		GND
	B11		SSRXp1
	B10		SSRXn1
	B9		V _{Bus}
	B8		SBU2
	B7		Dn2
	B6		Dp2
	B5		CC2
	B4		V _{Bus}
	B3		SSTXn2
	B2		SSTXp2
	B1		GND

RECOMMENDED PCB LAYOUT(TOP VIEW)