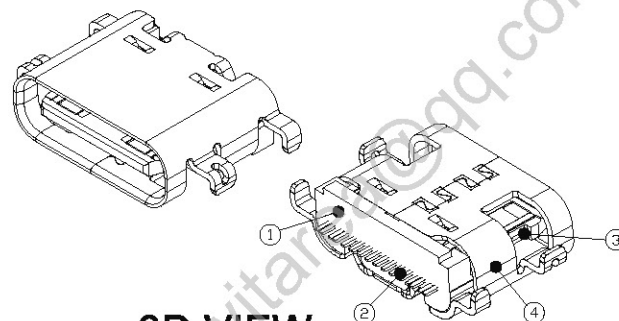
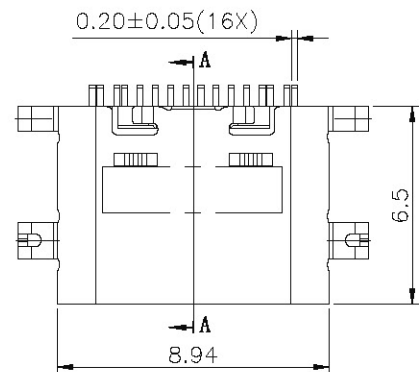
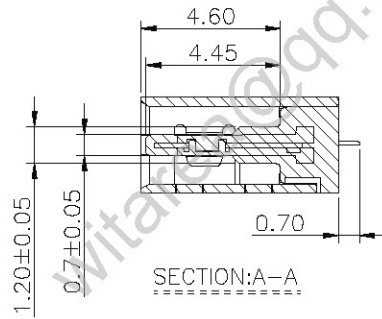
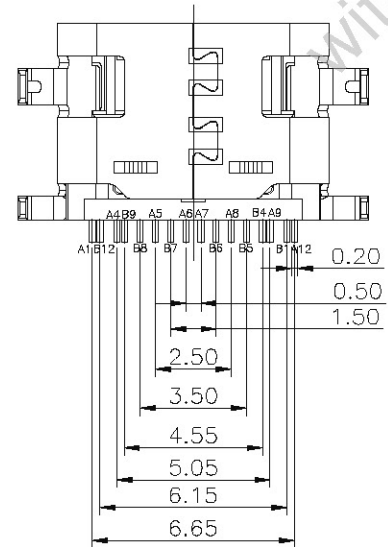
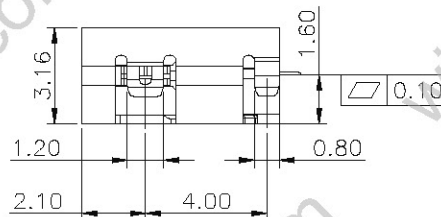
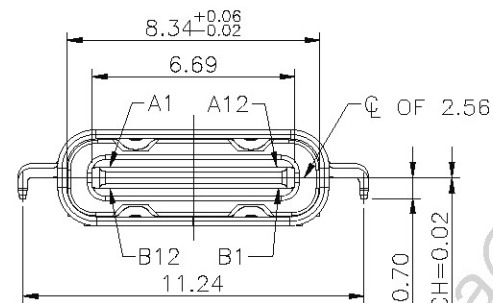


REV	ECN No.	DATE	REMARK
A	NEW	2020.12.30	NEW RELEASE



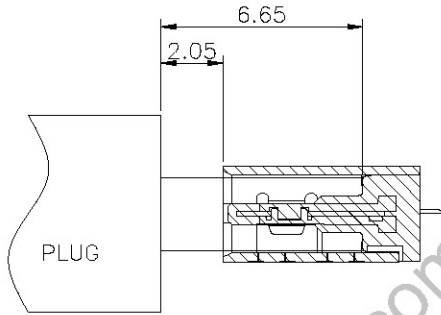
3D VIEW

- NOTE:
- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - TERMINAL: COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
 - PLATING SPECIFICATION:
 - TERMINAL:
 - Ni 50μ" 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
 - FRONT SHELL:
 - PLATING SPECIFICATIONS FOLLOW THE P/N
 - MID PLATE:
 - CLEAR ONLY
 - MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE,
 - 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.
 - 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.
 - IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



SECTION: A-A

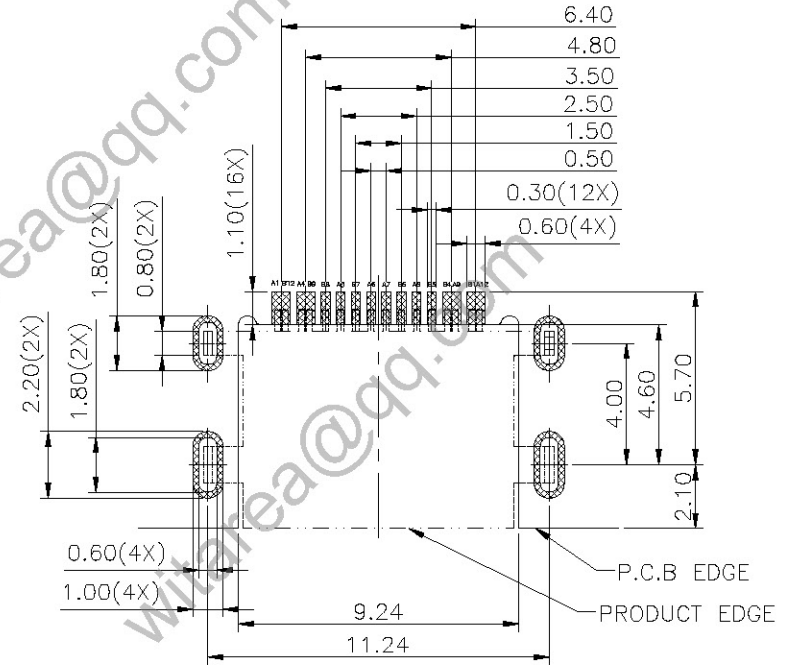
PART NO.: SEE THE PART NUMBER CODE		深圳市纬域科技有限公司 SHENZHEN WITAREA TECHNOLOGY CO.,LTD			DRAWN BY ANDY YANG	DATE 2021.03.15
QUALITY SYMBOL = 0 ▽ = 0 ▴ = 0 ▾ = 0 ▸ = 0 ▹ = 0 ► = 0 ▻ = 0 ▼ = 0 ▽ = 0 ▾ = 0 ▸						



AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

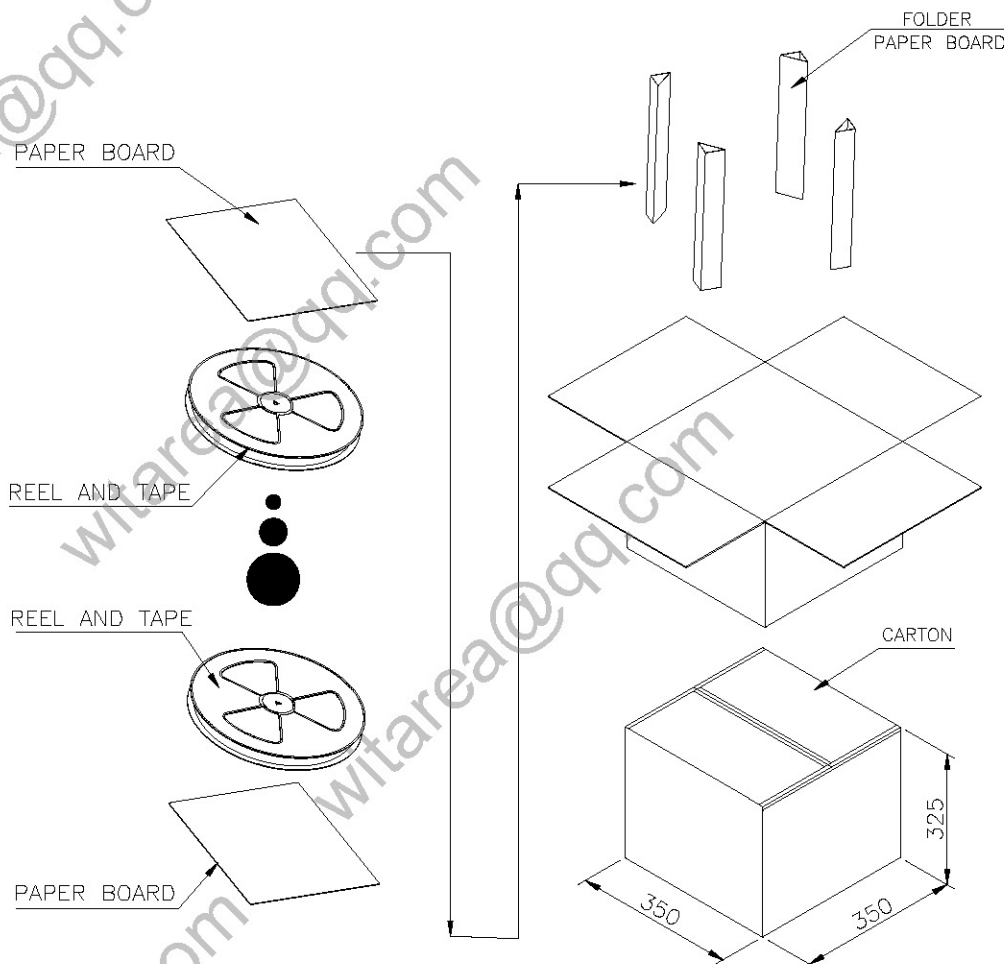
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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 2021.03.15
GENERAL TOLERANCES (UNLESS SPECIFIED) X.XXXX ± --- X.XXX ± 0.10 X.XX ± 0.25 X.X ± 0.30 ANGULAR ± --°		TITLE TYPE C 2.0 16PIN RECEPTACLE , MID-MOUNT OFFSET 1.6MM, SINGLE ROW SMT, CH=0.02MM, L=6.5MM		CHECKED BY JAMES XIAO	DATE 2021.03.15
		DWG.NO. W0026-16-MM1-S13		SHEET NO. 2 OF 3	APPROVED BY JASON ZENG
DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC		SCALE 1:1	
THIRD ANGLE PROJECTION					

	REEL	CARTON
CONNECTOR (PCS)	1400	14000

frame size: A4