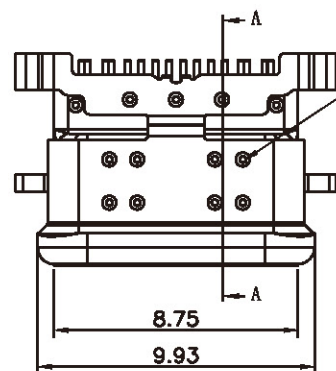
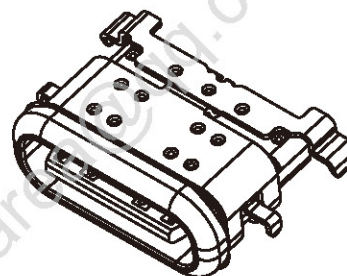


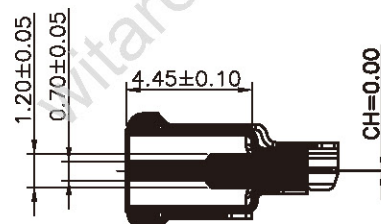
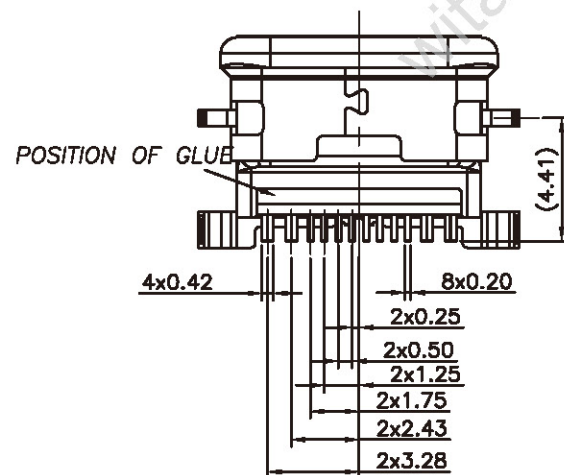
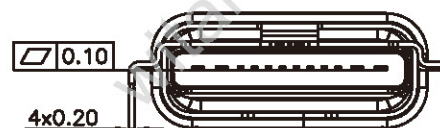
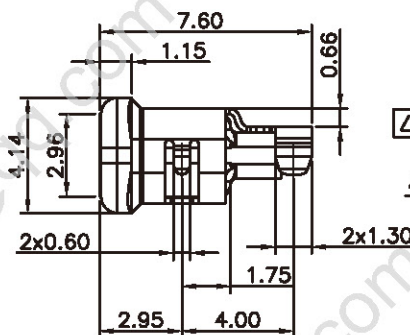
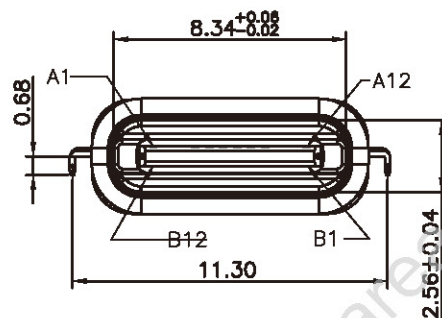
REV	ECN No.	DATE	REMARK
A	NEW	2022.05.10	NEW RELEASE



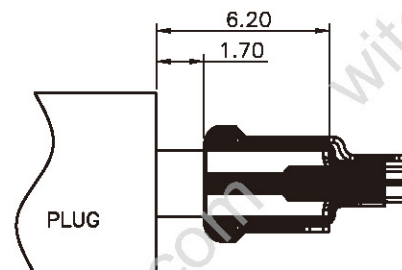
LASER WELDING POINT(13X)



NOTE:
1. MATERIAL SPECIFICATION:
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
2. TERMINAL: COPPER ALLOY
3. MID PLATE: STAINLESS STEEL
4. OUT SHELL: STAINLESS STEEL
5. INNER SHELL: STAINLESS STEEL
6. GLUE: EPOXY, BLACK
7. OUT GASKET: UV GLUE SH-5102-GM, RED
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. OUT SHELL & INNER SHELL:
NI 30u" MIN. UNDER PLATED OVER ALL.
2-3. MID 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 280°C.
7. WATERPROOF: IPX7



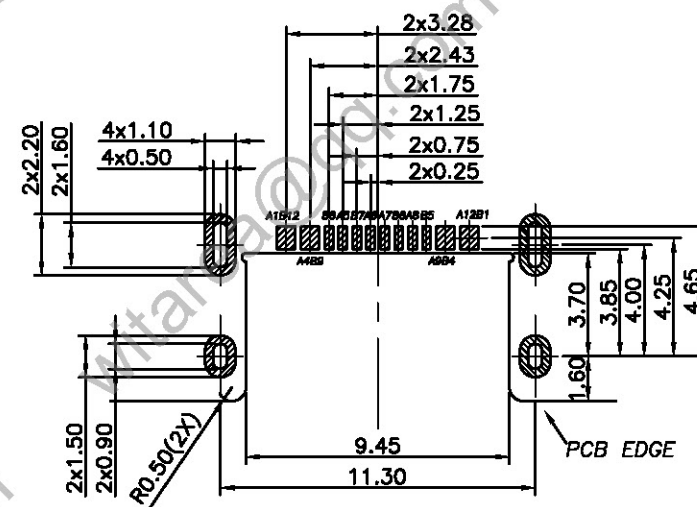
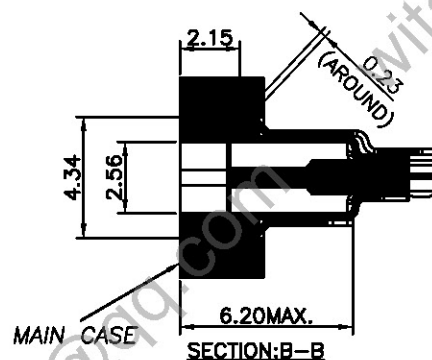
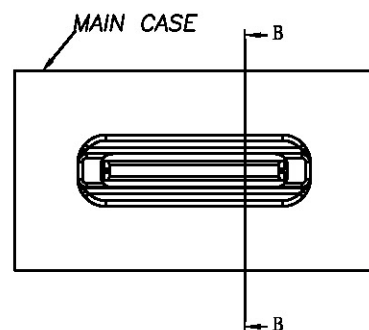
SECTION:A-A



AFTER MATING

QUALITY SYMBOL ▽=0 △=0 ▲=0	PART NO.:		深圳市纬域科技有限公司				DRAWN BY		DATE					
	SEE THE PART NUMBER CODE		SHENZHEN WITAREA TECHNOLOGY CO.,LTD				ANDY YANG		2022.05.10					
	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE						CHECKED BY		DATE			
			TYPE C 2.0 16PIN RECEPTACLE ,MID-MOUNT, SINGLE ROW SMT, CH=0MM,L=7.6MM, IP67 WATERPROOF						JAMES XIAO		2022.05.10			
	X.XXXXX		+ ---		DV/GND.		W0026-16-MM1-W1		SHEET NO.		APPROVED BY		DATE	
	X.XXXX		+ 0.10						1 OF 2		JASON ZENG		2022.05.10	
	X.XX		+ 0.25											
	X.X		+ 0.30											
ANGULAR		+ --°		DIMENSION STYLE		DESIGN UNITS		SCALE				THIRD ANGLE PROJECTION		
		MM ONLY		METRIC		1:1								

frame size: A4



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.0±0.10MM;DEFAULT TOLERANCE:±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

QUALITY SYMBOL ▽=0 △=0.10 ▲=0.25 ▴=0.30 ANGULAR	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 2022.05.10	
	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE			CHECKED BY JAMES XIAO	DATE 2022.05.10	
			TYPE C 2.0 16PIN RECEPTACLE ,MID-MOUNT, SINGLE ROW SMT, CH=0MM,L=7.6MM, IP67 WATERPROOF					
			DVEND.			SHEET NO. 2 OF 2	APPROVED BY JASON ZENG	DATE 2022.05.10
			V0026-16-MM-L-W1					
			DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION		