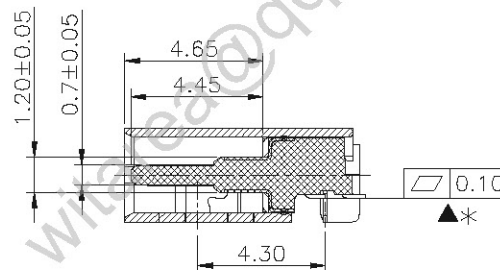
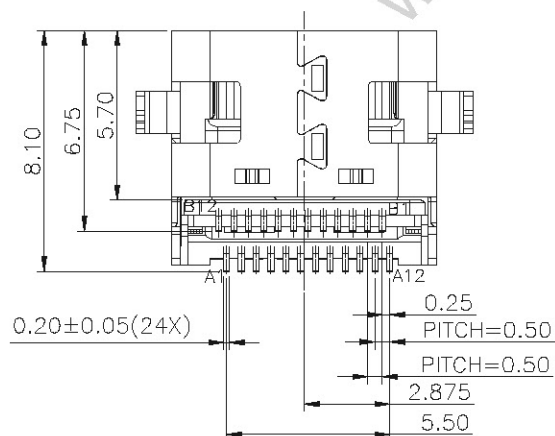
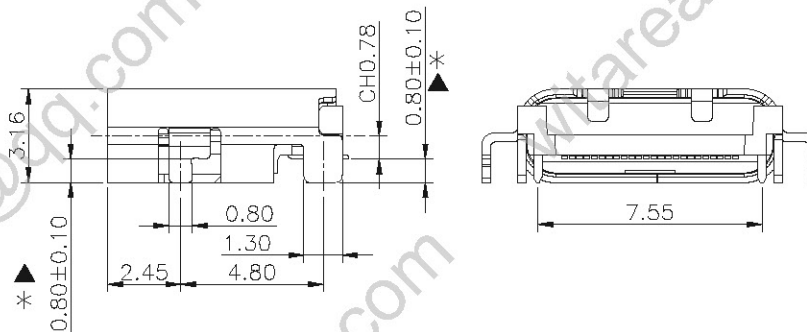
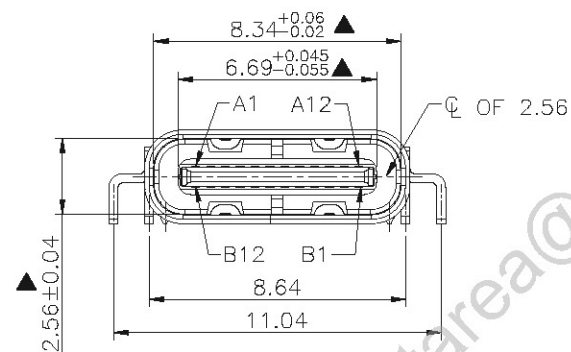
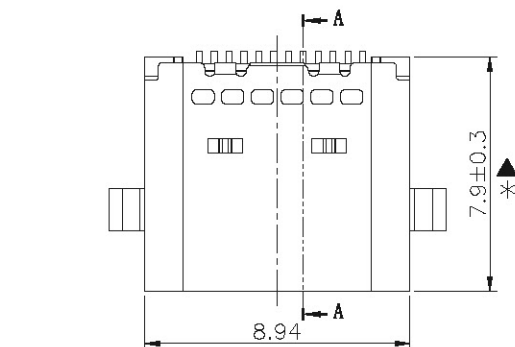


NOTE:

1. MATERIAL SPECIFICATION:
1. HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC LCP, UL94 V-0.
2. CONTACTS: COPPER ALLOY C18400 T=0.12MM
3. MID PLATE: STAINLESS STEEL SUS 301 T=0.15MM
4. FRONT SHELL: STAINLESS STEEL SUS 304 T=0.30MM
5. EMI PLATE: STAINLESS STEEL SUS 304 T=0.10MM
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:
Ni 30u" MIN. UNDER PLATED OVER ALL.
- 2-3. MID PLATE:
THE SOLDER AREA FOLLOW T_{in} PLATED
- 2-4. EMI 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. 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. 符合ROHS要求
8. 注: 带“▲”号的为重点管控尺寸.
9. 注: 带“*”号的为CPK尺寸.

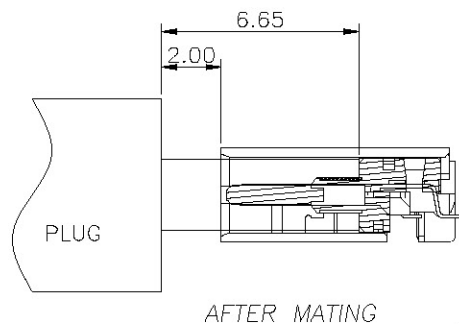


SECTION A-A
SCALE 1:1

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		2020.12.15	
QUALITY SYMBOL 0 ▽ = 0									

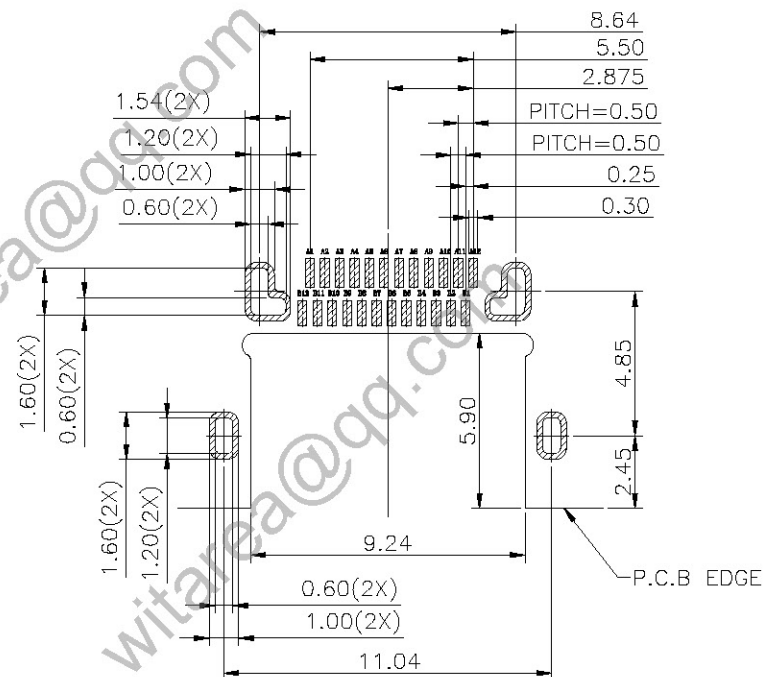
frame size: A4

REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE



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



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM:DEFAULT TOLERANCE:±0.05

QUALITY SYMBOL = 0 ▽= 0 = 0 ▴= 0 =

frame size: A4