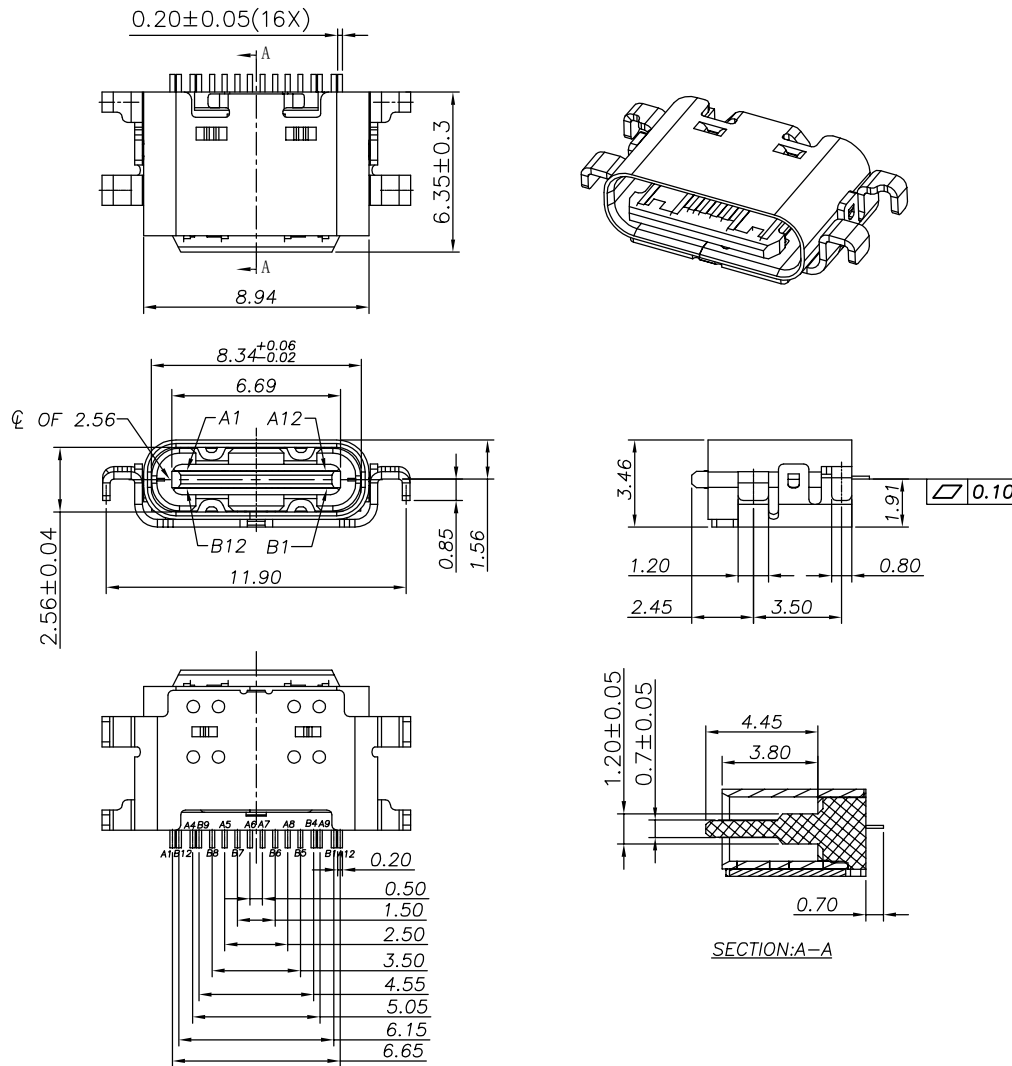


The product using material and processing must conform to the "WL-PZ-001"HSF technical standard control requirements

RoHS



NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING:LCP,UL94 V-0.
 - 2.TERMINAL: COPPER ALLOY(C1814)
 - 3.MID PLATE: STAINLESS STEEL(SUS301)
 - 4.FRONT SHELL: STAINLESS STEEL(SUS304)
- 2.PLATING SPECIFICATION:
 - 2-1.TERMINAL:
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:
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 260°C.

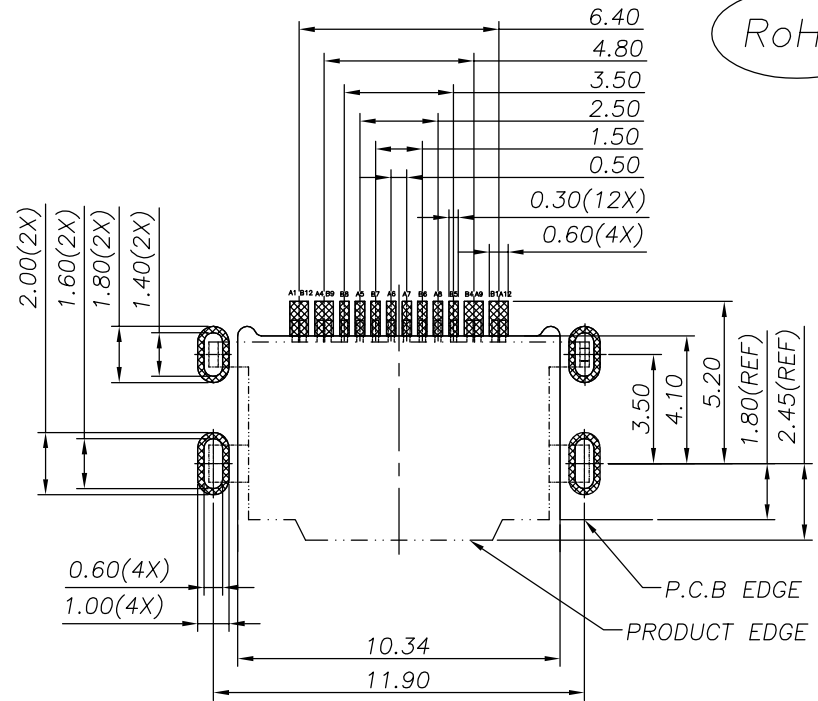
REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Teconology Co., Ltd	
A0	NEW RELEASE	21.11.17		LINEAR	ANGLES	APPROVED	Wang_jr	21.11.17	WLT2F9-168XX0112	ENDE05		
			UNIT:mm	0.00±0.25	X°±3°	DESIGNER	Han_Gao	21.11.17	TITLE: TYPE C 16P/F O/T L=6.35mm		REV: A0	SHEET: 1/3
			SIZE: A4	0.000±0.10	X°X' ±2°	DRAWN	Zijun_Huang	21.11.17				

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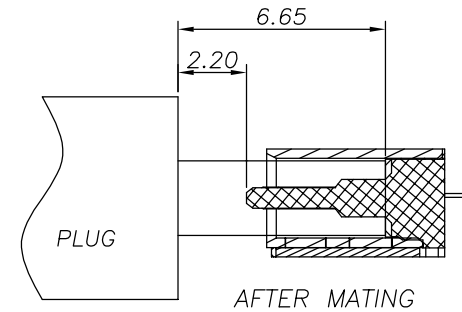
RoHS

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



P/N:

WLT2F9-16 8 X X 0 112

Plating Contact

1-G/F

2-Au 3u"

3-AU 5u"

5-Au 15u"

6-Au 30u"

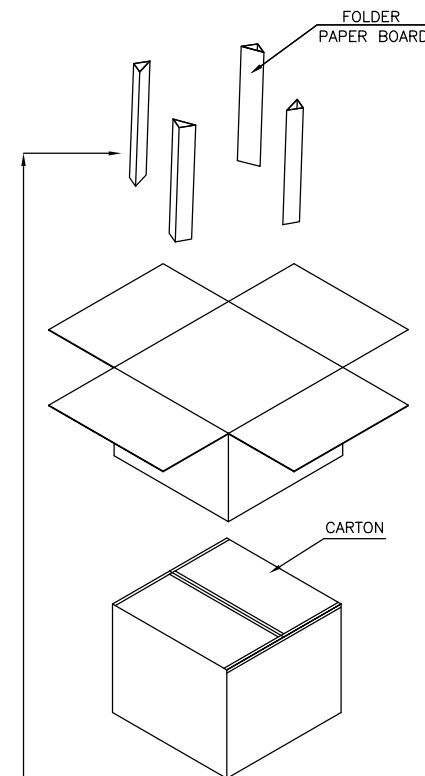
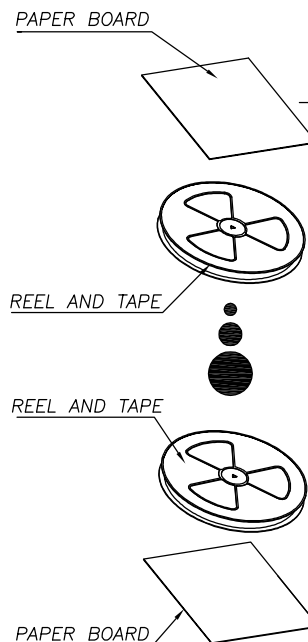
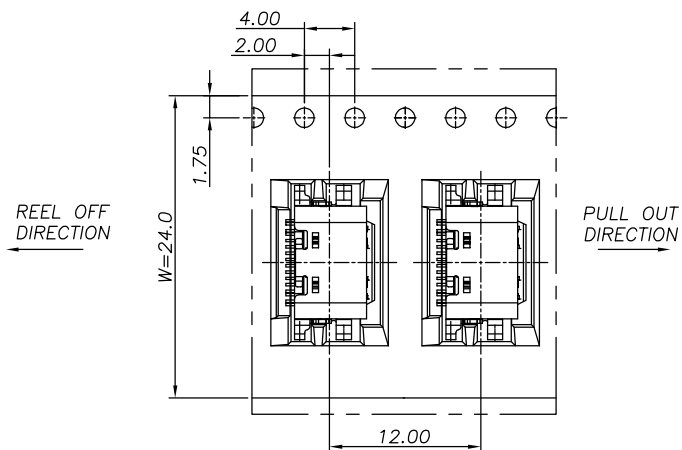
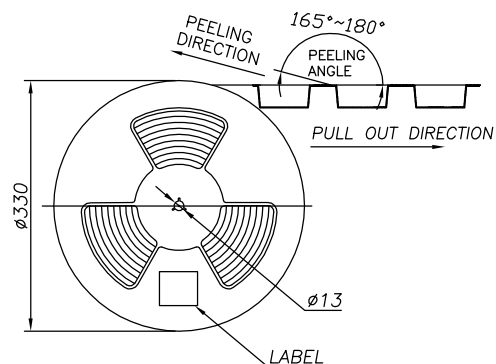
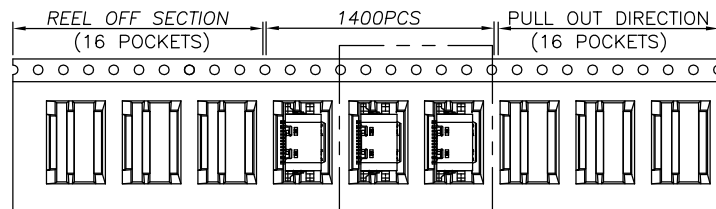
COLOR:

A-BLACK

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE:	NAME	DATE	PART.NO:	DWG.NO:		
A0	NEW RELEASE	21.11.17		LINEAR	ANGLES	1:1	Wang_jr	21.11.17	WLT2F9-168XX0112	ENDE05		
				0.0 $\pm$ 0.35	X*REF $\pm$ 6°	APPROVED	DESIGNER	21.11.17	TITLE: TYPE C 16P/F O/T L=6.35mm		REV: A0	SHEET: 2/3
				0.00 $\pm$ 0.25	X' $\pm$ 3°	DRAWN	Zijun_Huang	21.11.17				
				SIZE: A4	0.000 $\pm$ 0.10							

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RoHS



	REEL	CARTON
CONNECTOR (PCS)	1400	9800

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Teconology Co., Ltd	
A0	NEW RELEASE	21.11.17		LINEAR	ANGLES	APPROVED	Wang_jr	21.11.17	WL2F9-168XX0112	ENDE05		
				0.0±0.35	X°REF±6°	DESIGNER	Han_Gao	21.11.17	TITLE: TYPE C 16P/F O/T L=6.35mm			
				UNIT:mm	0.00±0.25	X°±3°	DRAWN	Zijun_Huang				
				SIZE: A4	0.000±0.10	X°X' ±2°				REV: A0	SHEET: 3/3	