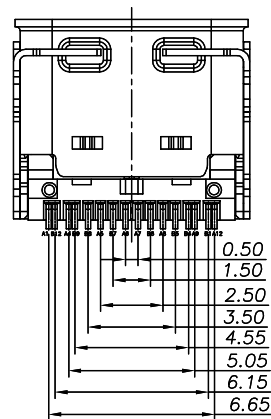
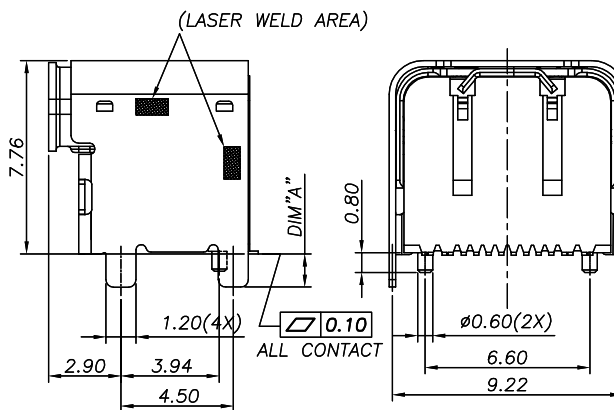
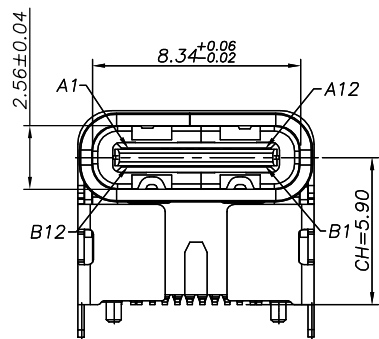
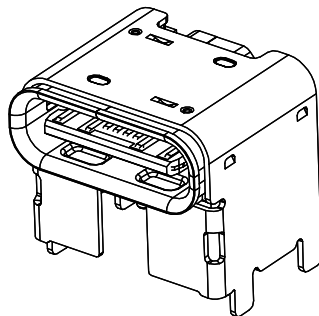
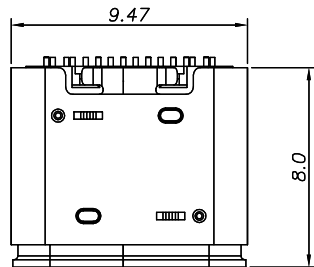


The product using material and processing must conform to the "WL-PZ-001"HSF technical standard control requirements

RoHS



NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.TERMINAL:COPPER ALLOY (C1814)
- 3.MID PLATE: STAINLESS STEEL (SUS301)
- 4.FRONT SHELL: STAINLESS STEEL (SUS304)
- 5.TOP SHELL: STAINLESS STEEL (SUS304)

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&TOP 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.

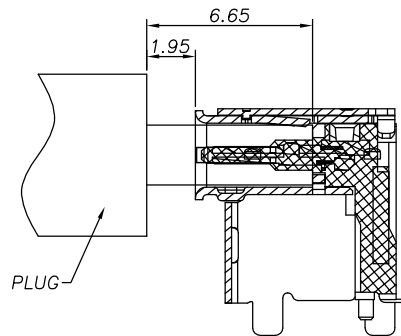
6.IR REFLOW:

- 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:		
A0	NEW RELEASE	21.11.17		LINEAR	ANGLES	APPROVED	Wang_jr	21.11.17	WLT2F9-162XXX031	ENDE05		
				0.0±0.35	X°REF±6°	DESIGNER	Han_Gao	21.11.17	TITLE: TYPE C 16P/F SMT CH=5.90mm		REV: A0	SHEET: 1/3
				0.00±0.25	X°±3°	DRAWN	Zijun_Huang	21.11.17				
			UNIT:mm	0.00±0.10	X°X' ±2°							

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

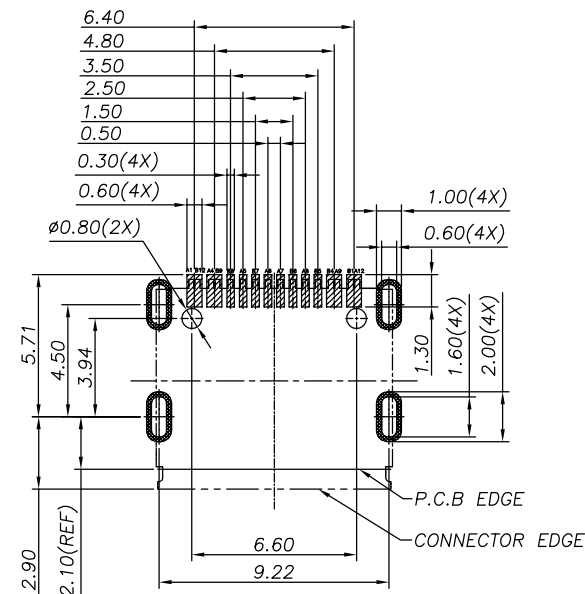
RoHS



AFTER MATING

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
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}
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)

P/N:

WLT2F9-16 2 X X 0 031

Plating Contact

1-G/F

2-Au 3u"

3-AU 5u"

5-Au 15u"

6-Au 30u"

0-DIM A=1.33MM

1-DIM A=0.91MM

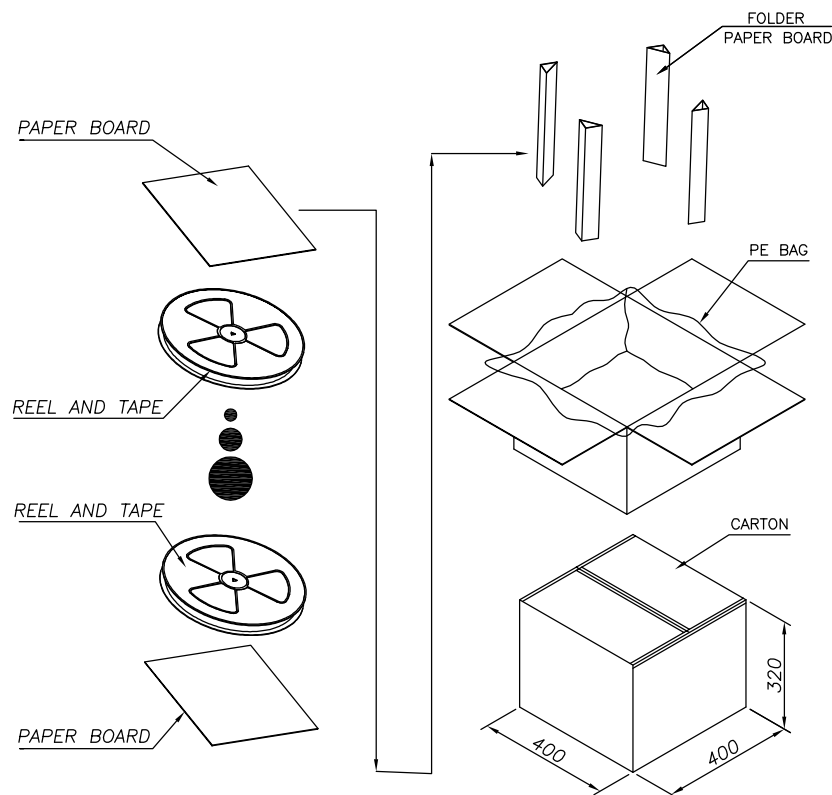
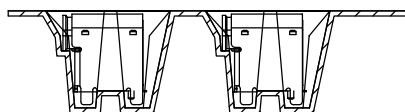
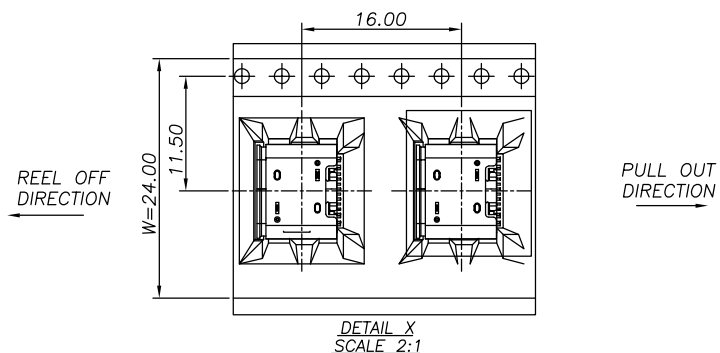
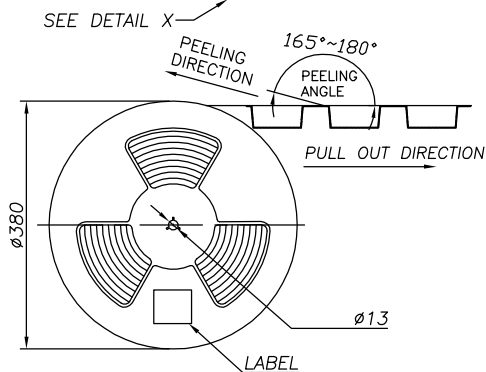
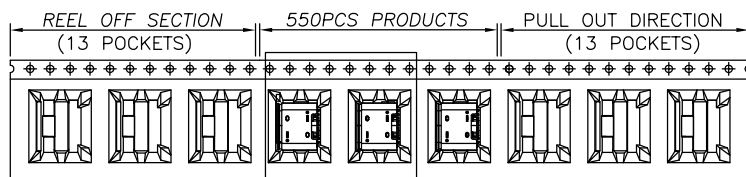
COLOR:

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			WLT2F9-162XXX031	ENDE05		
				0.0±0.35	X°REF±6°	APPROVED	Wang_jr	21.11.17				
			UNIT:mm	0.00±0.25	X°±3°	DESIGNER	Han_Gao	21.11.17	TITLE:			
			SIZE: A4	0.000±0.10	X°X' ±2°	DRAWN	Zijun_Huang	21.11.17	TYPE C 16P/F SMT CH=5.90mm		REV: A0	SHEET: 2/3

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RoHS



	REEL	CARTON
CONNECTOR (PCS)	550	5500

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO:	DWG.NO:		
A0	NEW RELEASE	21.11.17		LINEAR	ANGLES	APPROVED	Wang_jr	21.11.17	WLT2F9-162XXX031	ENDE05		
			UNIT:mm	0.00±0.25	X°REF±6°	DESIGNER	Han_Gao	21.11.17	TITLE: TYPE C 16P/F SMT CH=5.90mm		REV: A0	SHEET: 3/3
			SIZE: A4	0.000±0.10	X°X' ±2°	DRAWN	Zijun_Huang	21.11.17				