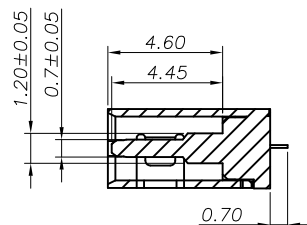
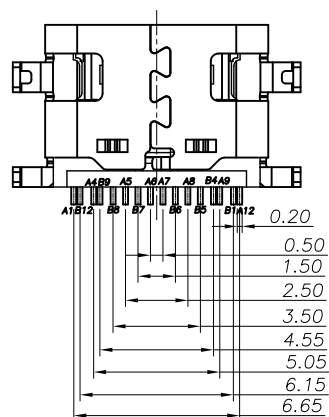
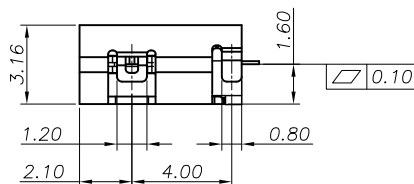
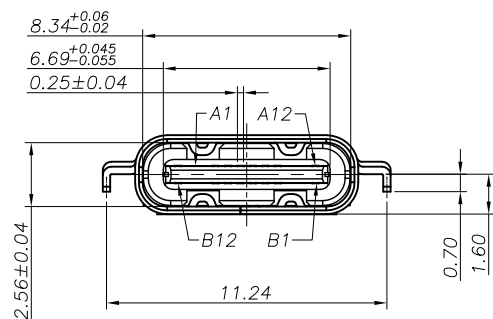
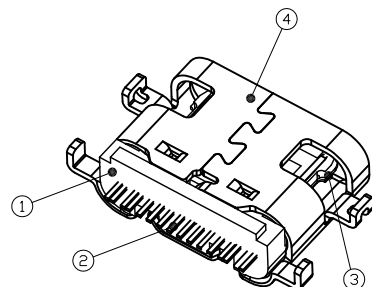
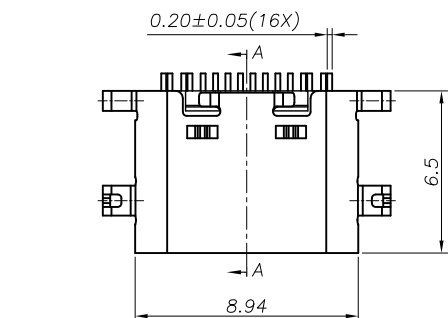


The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements



SECTION:A-A

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)

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:

PLATING SPECIFICATIONS FOLLOW THE P/N

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:

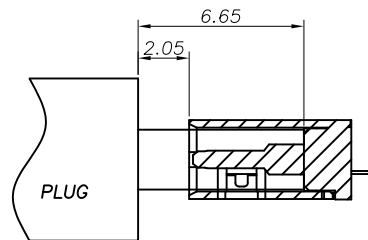
OPERATING TEMPERATURE: -25°C~+85°C.

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:	NAME	DATE	PART. NO:	DWG. NO:	
A0	NEW RELEASE	21.01.13		LINEAR	ANGLES	1:1			WLT2F9-168XX03-068	ENDE05	
				0.0±0.35	X° REF±6°	APPROVED	Wang_jr	2020.03.30			
				0.00±0.25	X° ±3°	DESIGNER	Ding_bo	2020.03.30	TITLE:		
				SIZE: A4	0.000±0.10	X° X'±2°	DRAWN	Ou_jian	2020.03.30	USB C TYPE 16PIN FEMALE (L=6.5)MID MOUNT 1.6MM	REV: A0 SHEET: 1/3

The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements



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

ORDER INFORMATION

P/N: WLT2F9-168XX03-068

Number of Contact SERIAL NO.

Contact Type Housing color

1: DIP A: Black

2: SMT B: Brown

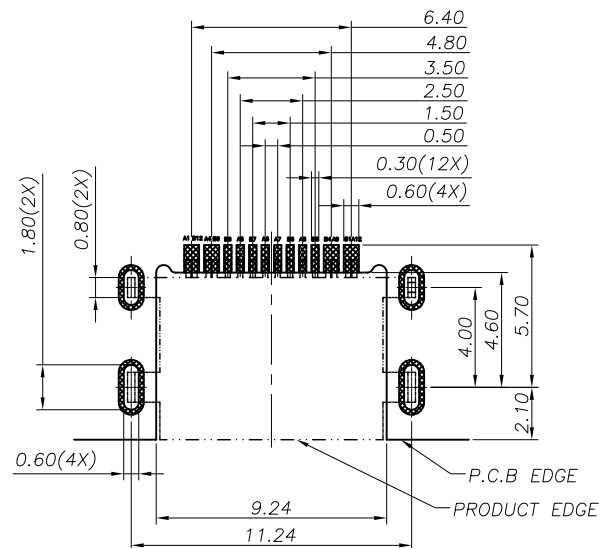
8: SINKING PCB TYPE

Plating Contact

1: Gold Flash

3: Au: 3U"

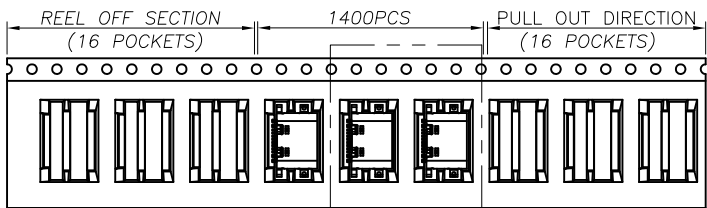
6: Au: 30U"



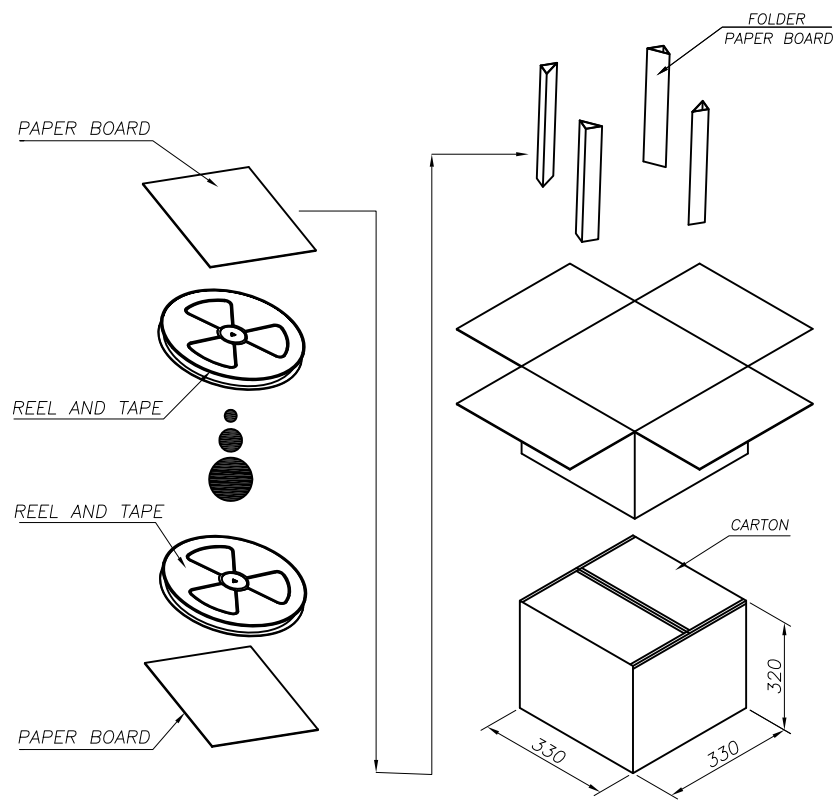
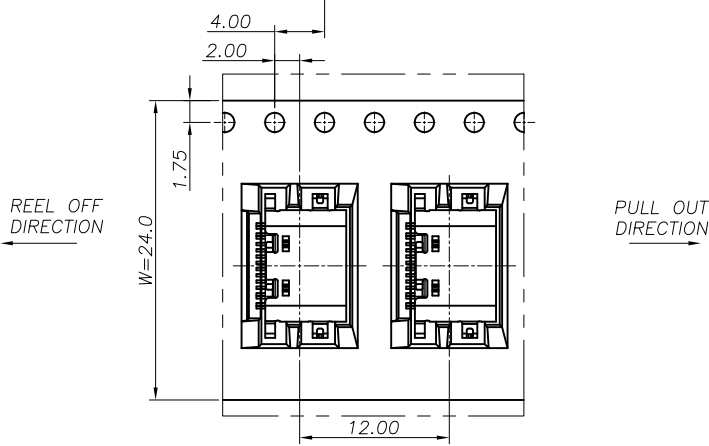
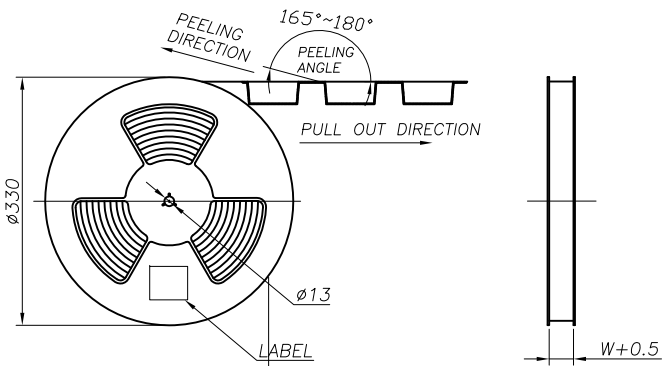
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO:	DWG. NO:	 WanLian Teconology Co., Ltd	
A0	NEW RELEASE	21.01.13		LINEAR	ANGLES	APPROVED	Wang_jr	2020.03.30	WLT2F9-168XX03-068	ENDE05		
				0.0±0.35	X° REF±6°	DESIGNER	Ding_bo	2020.03.30	TITLE: USB C TYPE 16PIN FEMALE (L=6.5)MID MOUNT 1.6MM			
				0.00±0.25	X° ±3°							
				UNIT: mm	X° X'±2°	DRAWN	Ou_jian	2020.03.30			REV: A0	SHEET: 2/3
			SIZE: A4	0.000±0.10								

The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements



SEE DETAIL X



REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: WLT2F9-168XX03-068	DWG. NO: ENDE05	REEL		CARTON	
				LINEAR	ANGLES						1400		14000	
A0	NEW RELEASE	21.01.13		0.0±0.35	X° REF±6°	APPROVED	Wang_jr	2020.03.30	TITLE: USB C TYPE 16PIN FEMALE (L=6.5)MID MOUNT 1.6MM		REV: A0		SHEET: 3/3	
			UNIT: mm	0.00±0.25	X° ±3°	DESIGNER	Ding_bo	2020.03.30						
			SIZE: A4	0.000±0.10	X° X'±2°	DRAWN	Ou_jian	2020.03.30						

