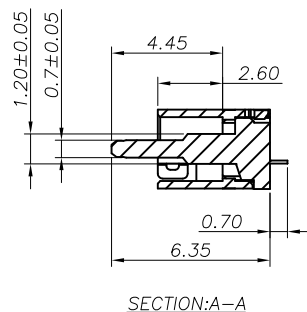
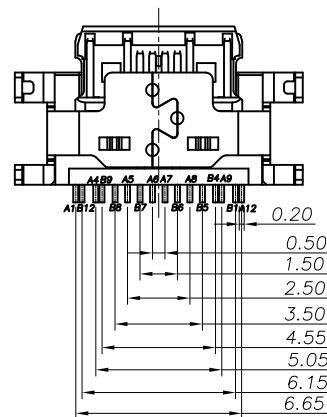
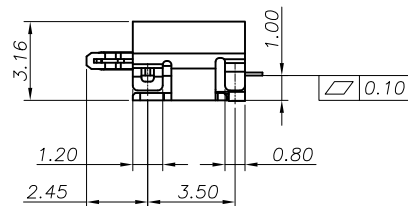
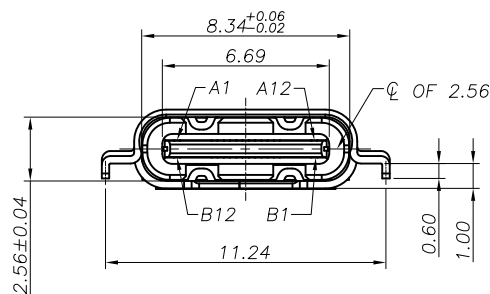
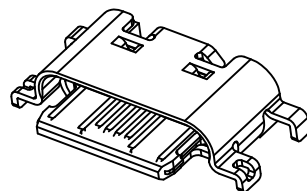
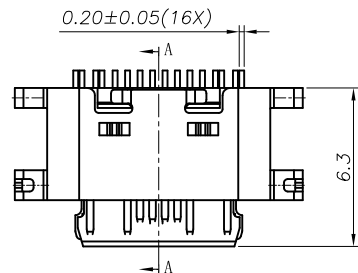




The product using material and processing must conform to the "WI-PZ-142" HSF technical standard control requirements

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY
- 3.MID PLATE: STAINLESS STEEL
- 4.FRONT SHELL: STAINLESS STEEL

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:

- 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:

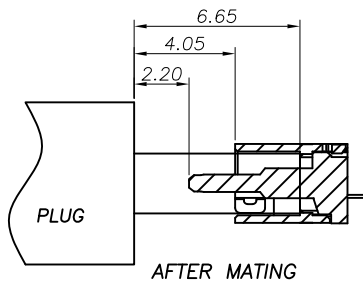
- OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

- THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

REV.	REVISION RECORD	DATE	UNIT: mm	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	21.03.11	WLT2F9-168XX09-068	ENDE05	
				0.0±0.35	X° REF±6°	DESIGNER	Ding_Bo	21.03.11	TITLE: USB C TYPE 16P FEMALE (L=6.5)MID MOUNT 1.0mm		REV: A0 SHEET: 1/3
			SIZE: A4	0.000±0.10	X° X'±2°	DRAWN	Ou_Jian	21.03.11			

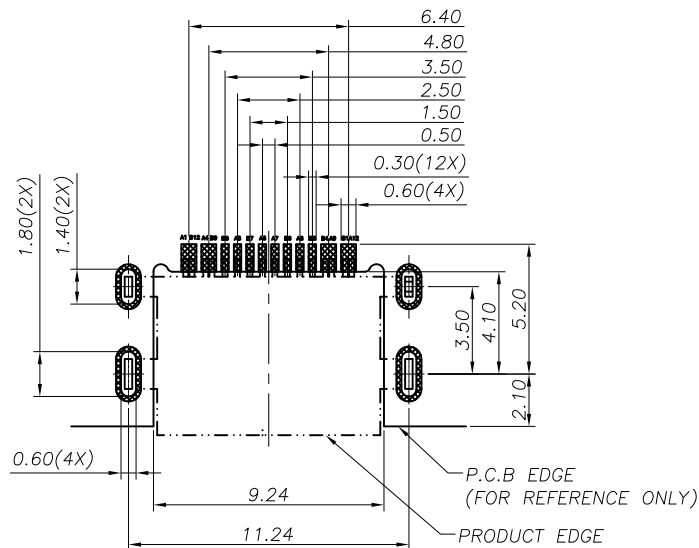




The product using material and processing must conform to the "WI-PZ-142"HSF technical standard control requirements

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

ORDER INFORMATION

P/N: WLT2F9-168XX09-068

Number of Contact SERIAL NO.

Contact Type Housing color

1: DIP A: Black

2: SMT B: Brown

8: SINKING PCB TYPE

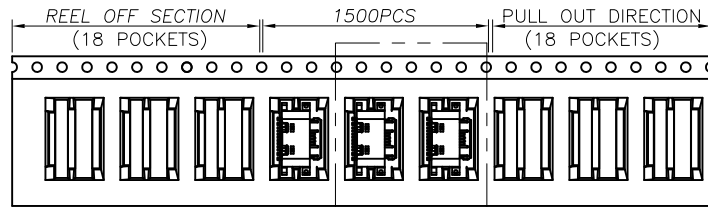
Plating Contact

1: Gold Flash

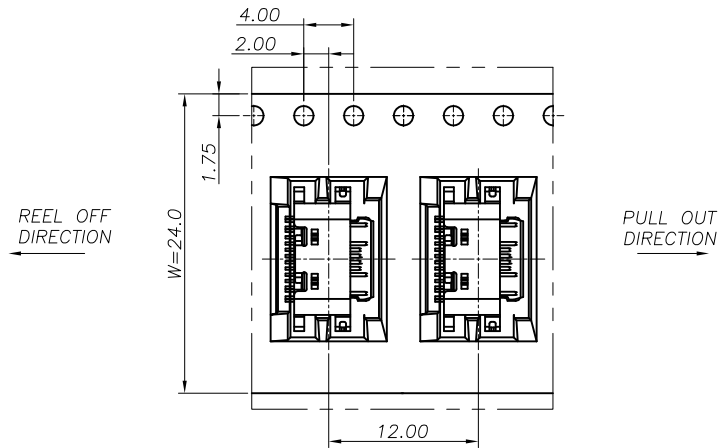
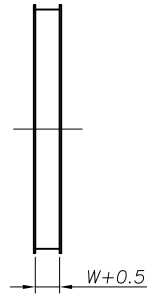
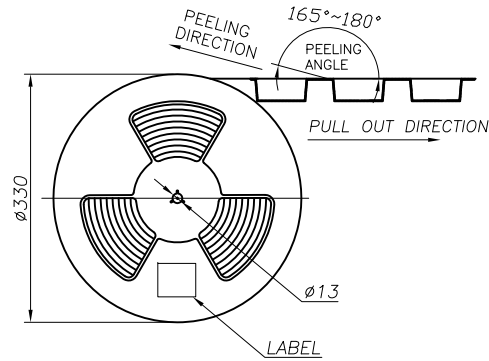
3: Au: 3U"

6: Au: 30U"

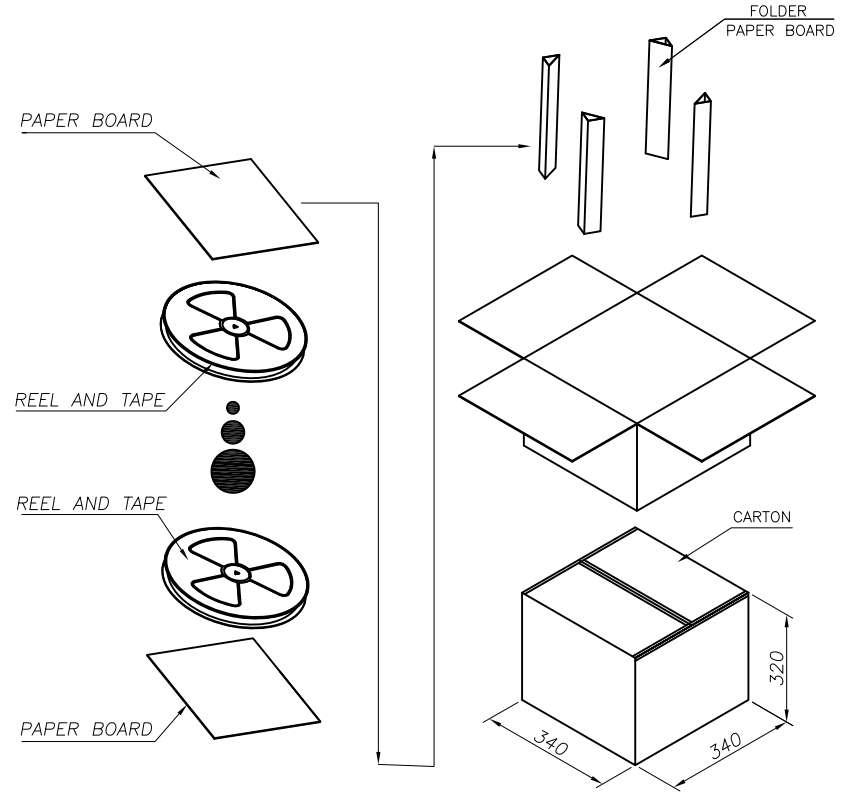
REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO:	DWG. NO:	 WanLian Teconology Co., Ltd	
A0	NEW RELEASE	21.01.13		LINEAR	ANGLES	APPROVED	Wang_jr	21.03.11	WLT2F9-168XX09-068	ENDE05		
				0.0±0.35	X° REF±6°							
				UNIT: mm	0.00±0.25	X° ±3°	DESIGNER	Ding_Bo	21.03.11	TITLE: USB C TYPE 16P FEMALE (L=6.5)MID MOUNT 1.0mm		
				SIZE: A4	0.000±0.10	X° X'±2°	DRAWN	Ou_Jian	21.03.11			
											REV: A0	SHEET: 2/3



SEE DETAIL X



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



	REEL	CARTON
CONNECTOR (PCS)	1500	15000

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: WLT2F9-168XX09-068	DWG. NO: ENDE05	 WanLian Teconology Co., Ltd
A0	NEW RELEASE	21. 01. 13		LINEAR	ANGLES	APPROVED	Wang_jr	21. 03. 11			
				0. 0±0. 35	X° REF±6°	DESIGNER	Ding_Bo	21. 03. 11	TITLE: USB C TYPE 16P FEMALE (L=6.5)MID MOUNT 1.0mm		
				UNIT: mm	0. 00±0. 25					X° ±3°	
				SIZE: A4	0. 000±0. 10	X° X'±2°	DRAWN	Ou_Jian		21. 03. 11	
									REV: A0	SHEET: 3/3	

万连科技
WanLian Teconology Co., Ltd