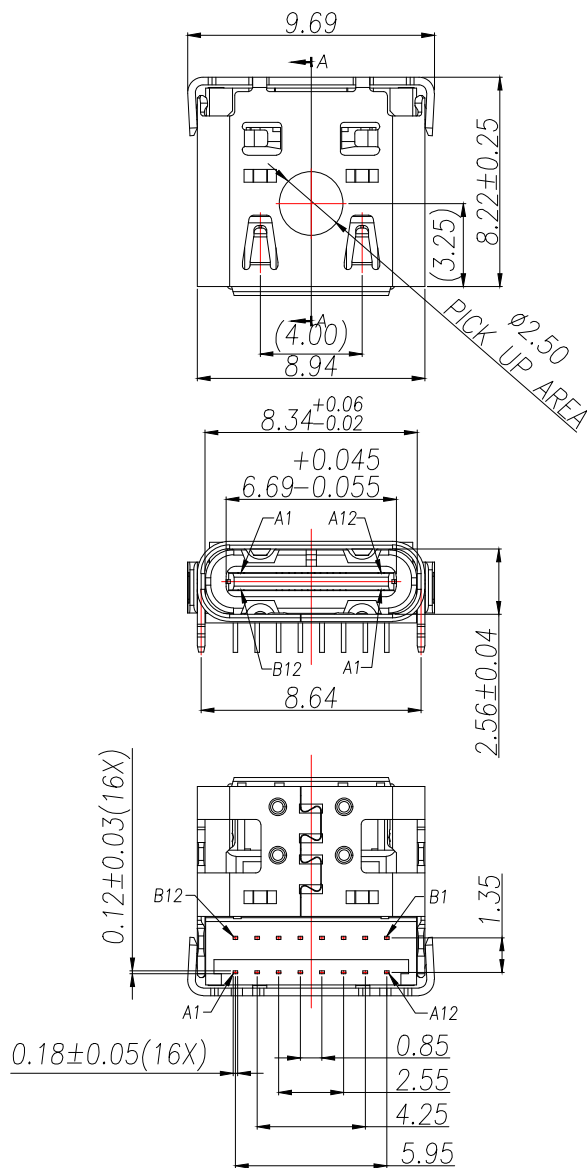


NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.(PA9T,BLACK)
- 2.CONTACTS: COPPER ALLOY(C18150)
- 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 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- Au 1u" PLATED ON THE SOLDER AREA OF CONTACT.

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:20V
- 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mA/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mA.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

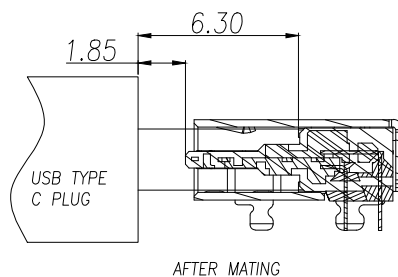
5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -40°C~+85°C.

6.IR REFLOW:

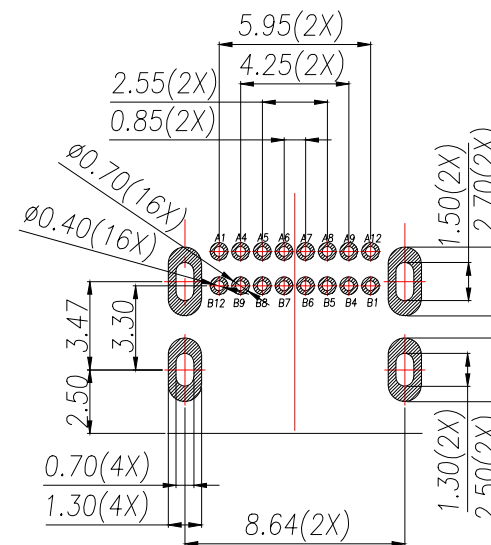
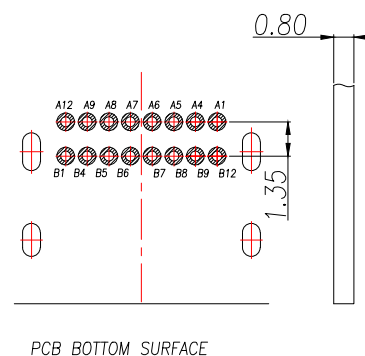
- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE	料号 PART NO.	ZX-TYPEC-WCM16-L822	版本 REV.	A
			.X:±0.30	X.:±10°						
			.XX:±0.20	X.X:±8°	审核 CHECK	LEO	品名 TITLE	USB CF 16PIN DOUBLE ROW DIP TERMINAL	页次 SHEET	1/1
			.XXX:±0.10	X.XX:±5°	核准 APPROVAL	JOHN	客户料号 CUTM.NO.			
					单位 UNITS	MM	比例 SCALE	1:1	兆星精密电子(深圳)有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.	

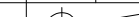


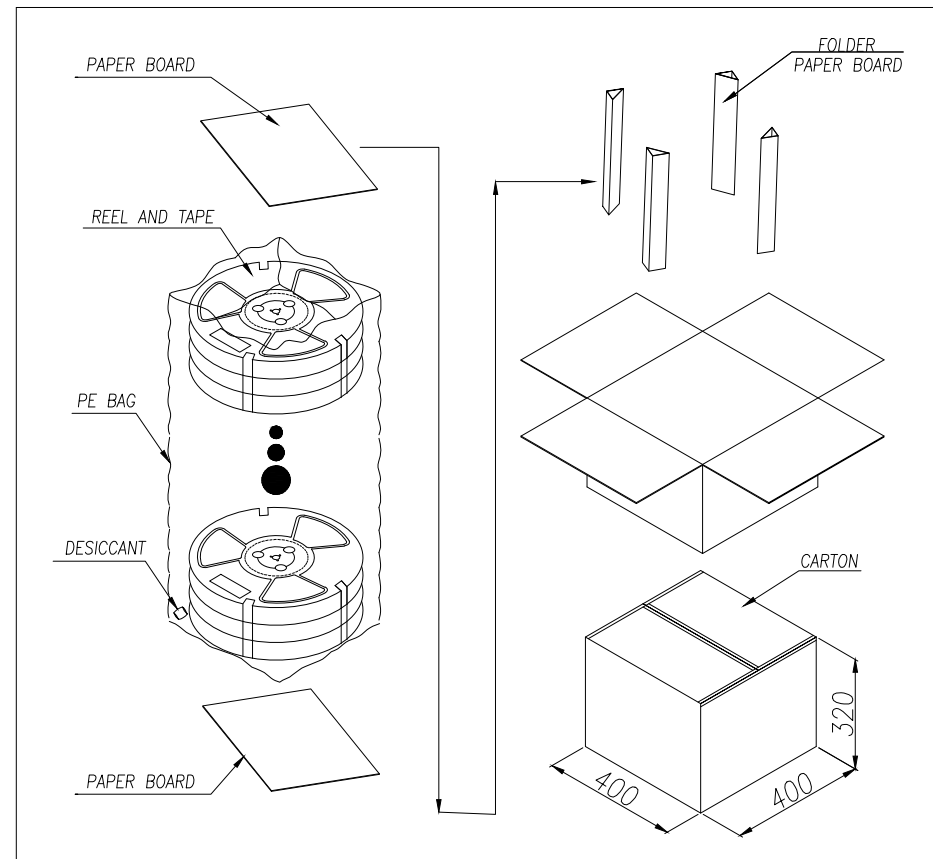
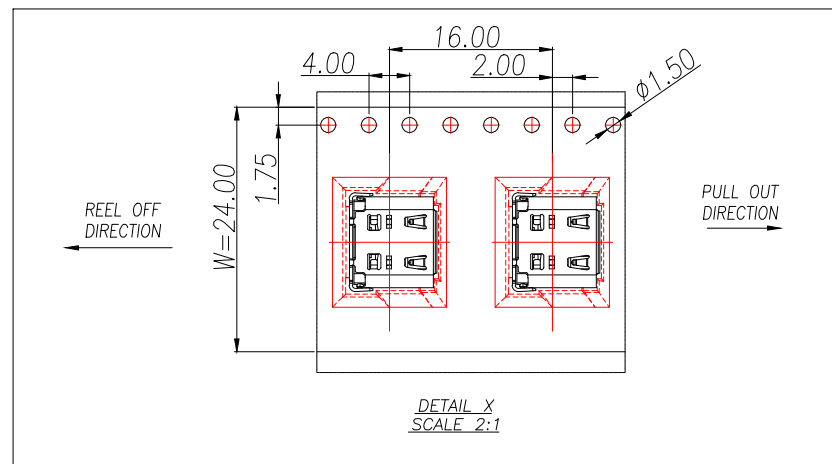
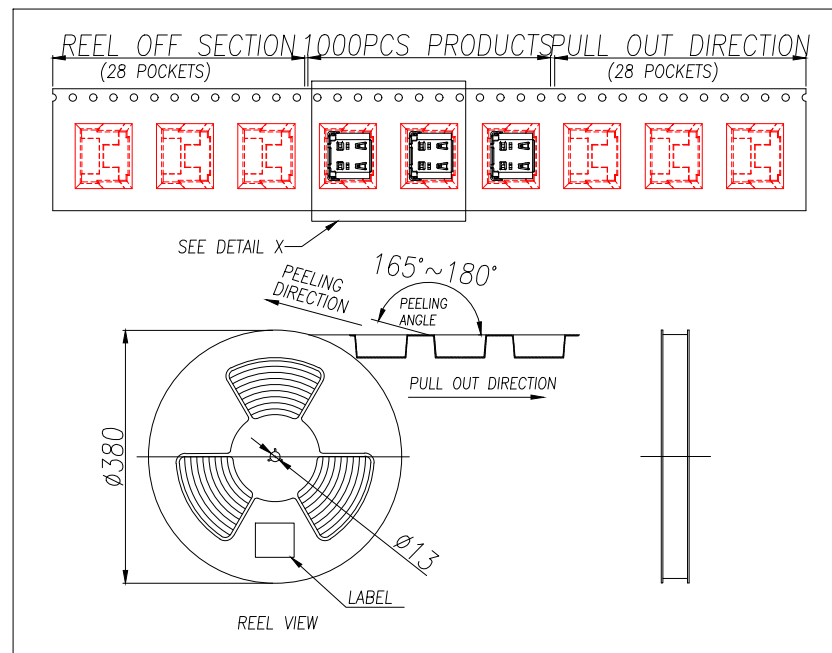
USB TYPE-C PIN ASSIGNMENTS

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)
DEFAULT TOLERANCE:±0.05

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE LEO JOHN			料号 PART NO.	ZX-TYPEC-WCM16-L822	版本 REV.	A
			.X:±0.30	X.:±10°					品名 TITLE	USB CF 16PIN DOUBLE ROW DIP TERMINAL	页次 SHEET	1/1
			.XX:±0.20	X.X:±8°					客户料号 CUTM.NO.			
			.XXX:±0.10	X.XX:±5°					兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.			
					单位 UNITS	MM	比例 SCALE	1:1				



CONNECTOR (PCS)	REEL/TRAY	CARTON
	1000	10000

制图 DRAWN	变更内容 DESCRIPTION	日期 DATE	GENERAL TOLERANCE		制图 DRAWING	ROSE			料号 PART NO.	ZX-TYPEC-WCM16-L822	版本 REV.	A
			.X:±0.30	X.:±10°	审核 CHECK	LEO			品名 TITLE	USB CF 16PIN DOUBLE ROW DIP TERMINAL	页次 SHEET	1/1
			.XX:±0.20	X.X:±8°	核准 APPROVAL	JOHN			客户料号 CUTM.NO.			
			.XXX:±0.10	X.XX:±5°	单位 UNITS	MM	比例 SCALE	1:1	 兆星精密电子（深圳）有限公司 ShenZhen ZhaoXing Precision electronics Co., Ltd.			