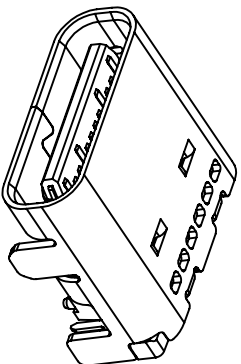


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
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NOTE:

1.MATERIAL SPECIFICATION:

1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.

2.CONTACTS:COOPER ALLOY

3.MID PLATE: STAINLESS STEEL

4.FRONT SHELL: STAINLESS STEEL

5.EMI PLATE: 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:

Ni 30u" MIN. UNDER PLATED OVER ALL.

Sn 80u"MIN. PLATED OVER ALL

2-4.EMI 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. LCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

LCR 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:

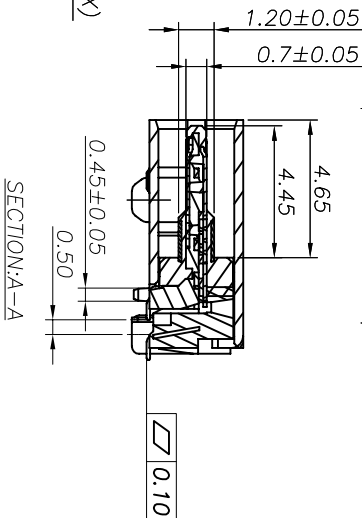
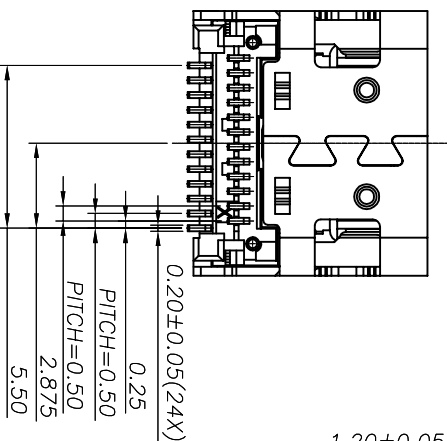
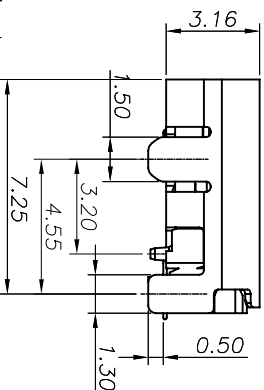
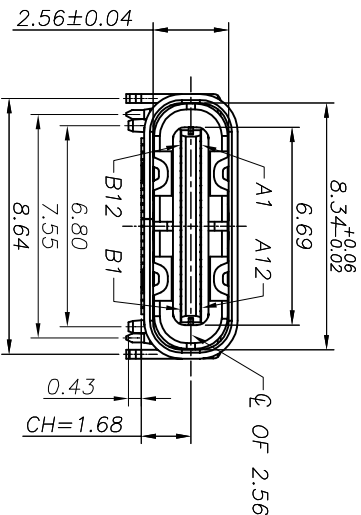
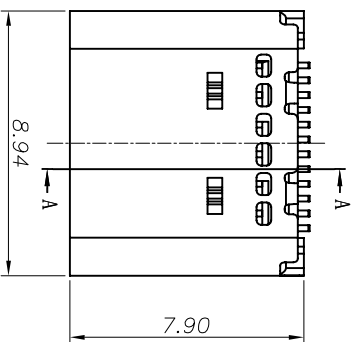
OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

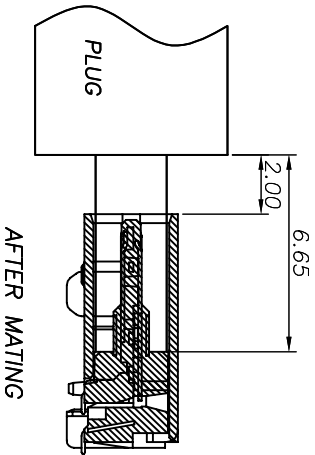
BE MAINTAINED FOR 10 SECONDS AT 260°C.

7.TID NUMBER:2780



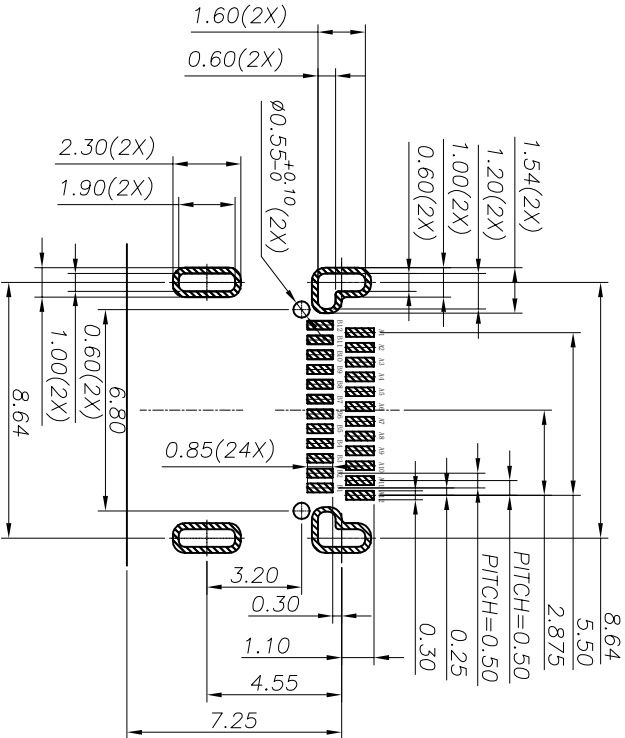
TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		TITLE:	
XX ±0.30	X* ±10°	DRAWG NO.		深圳市文章济美科技有限公司	
XX ±0.20	X* ± 8°			USB-24PIN-SMT-TYPE	
XXX ±0.10	XX* ± 5°				
UNITS	mm	DESIGN: DRAW		PART NO. 5001-UPC079B-24R1-00	
MATERILA		CHED:		SCALE SHEET	
FINISH		APPD:		SCALE SHEET REV.	

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	---	INITIAL RELEASED	2022.03.08	Neo.Liu



USB TYPE-C PIN ASSIGNMENTS

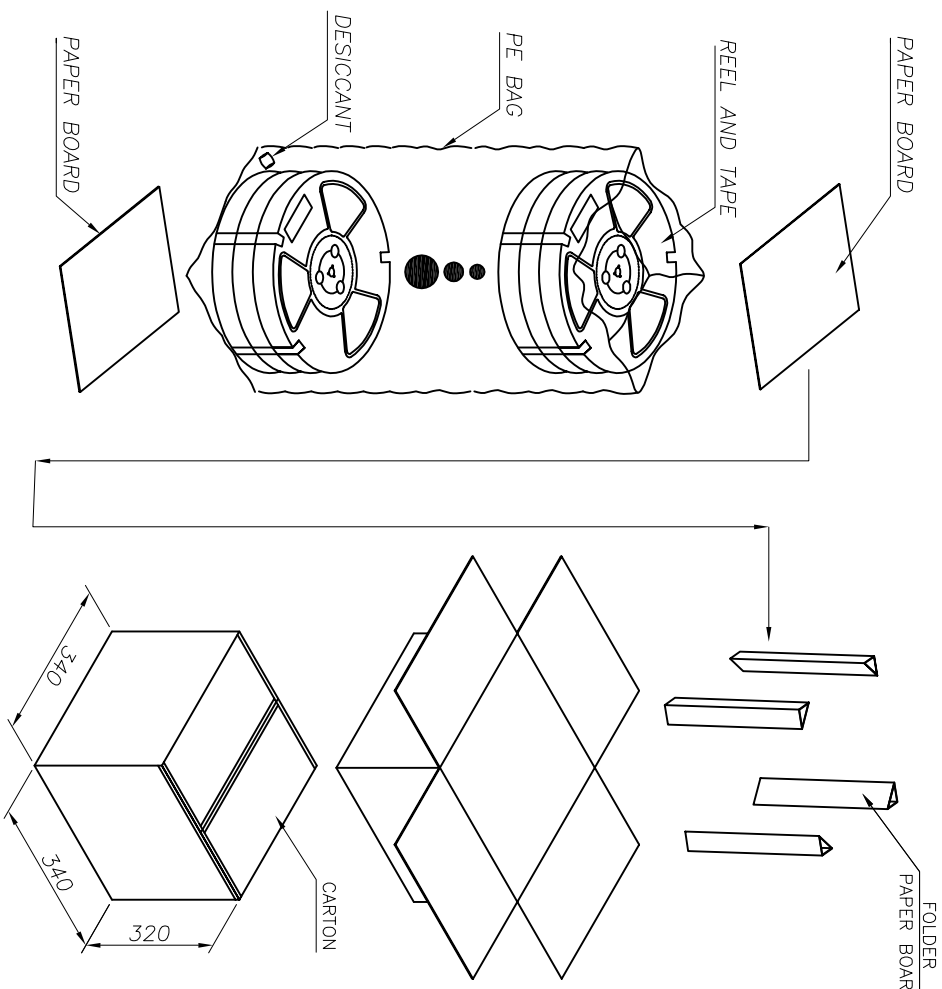
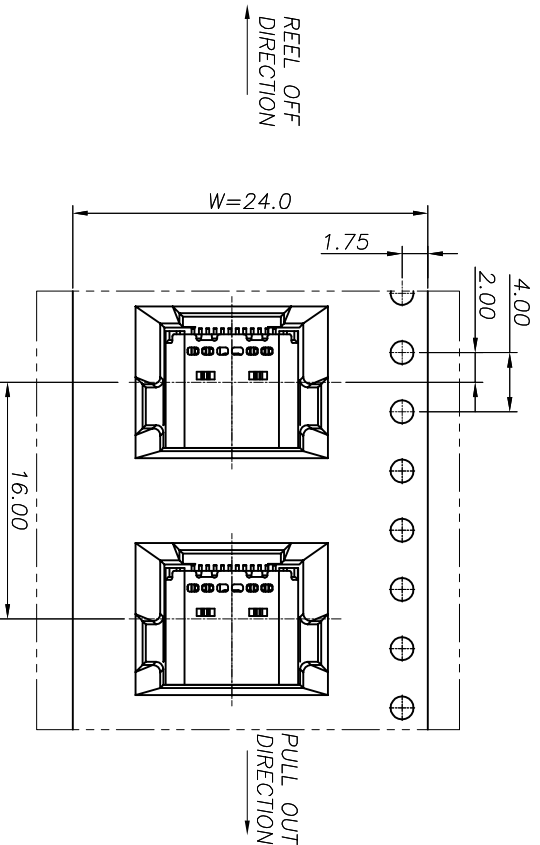
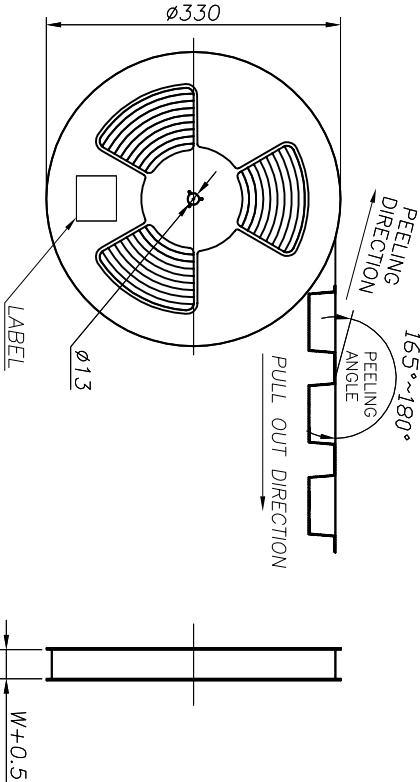
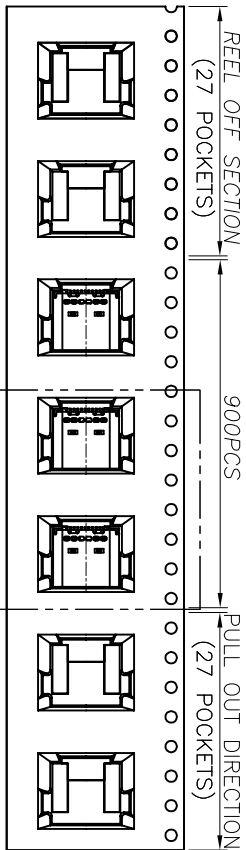
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBUS2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

TOLERANCE	NAME(INTENDED USE) CUSTOMER DRAWING	TITLE: USB-24PIN-SMT-TYPE-PCB-LAYOUT
XX ±0.30 X' ±10"	DRAWG NO.	深圳市文章济美科技有限公司
.XX ±0.20 X' ± 8"		
.XXX ±0.10 .XX' ± 5"	DESIGN: DRAW	PART NO. 5001-UPC079B-24R1-00
UNITS mm		
MATERILA	CHED:	SCALE SHEET REV.
FINISH	APPD:	SCALE SHEET REV.

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
A	---	INITIAL RELEASED	2022.03.08	Neo.Liu



TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING		TITLE:	
X.X	±0.30	X.X	±10°	DRAWG NO.	深圳市文章济美科技有限公司
.XX	±0.20	.X	± 8°		USB-24PIN-SMT-TYPE-PACKING
.XXX	±0.10	.XX	± 5°	DESIGN:	DRAW
UNITS		mm		PART NO.	5001-UPC079B-24R1-00
MATERILA				CHED:	
FINISH				APPD:	SCALE SCALE SHEET SHEET REV. REV.