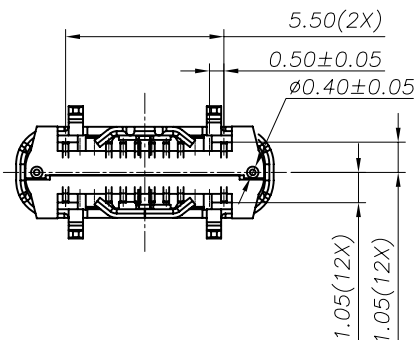
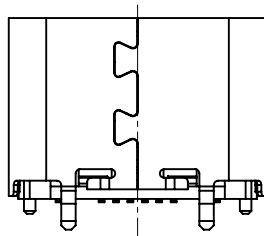
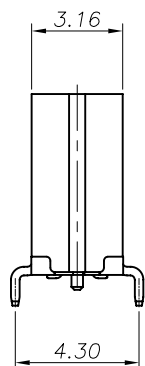
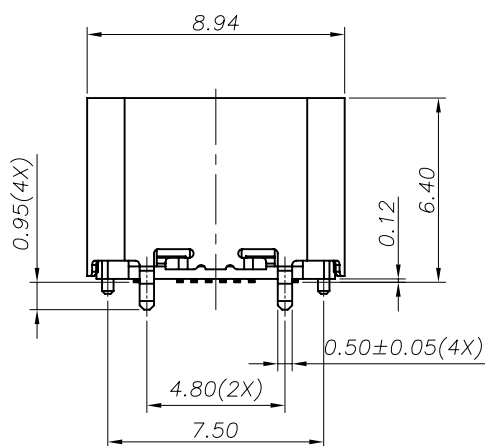
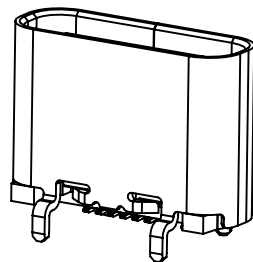
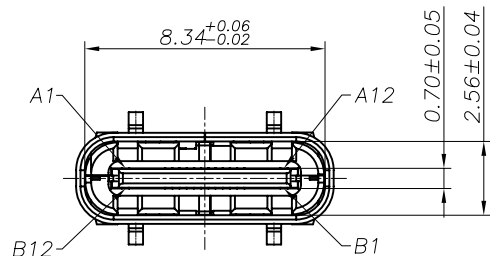


REV	ECN No.	DATE	REMARK
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NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:LCP,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:

- Ni 50u" 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.

7. PART NUMBER CODE:

CF136 - 16 L B XX R - 01

① ②

- ① HOUSING: B:BLACK
- ② CONTACTS PLATED: 02:半金锡3u" 12:接触镀金3u"其它GOLD FLASH

MATERIAL NO.:

PART NUMBER CODE

REVIEW TABLE FOR DETAILS

QUALITY SYMBOL	0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	x.xxxx	±	---
	x.xxx	±	0.10
	x.xx	±	0.25
	x.x	±	0.30
ANGULAR	±	---	

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深圳市顺宏康科技有限公司

DRAWN BY SAM DATE 2019.03.05

CHECKED BY JAY DATE 2019.03.05

APPROVED BY JACKY DATE 2019.03.05

TITLE USB CF 16PIN VERTICAL W/O EMI SPRING,HIGHT 6.4

DOCUMENT NO. CF136-16-01

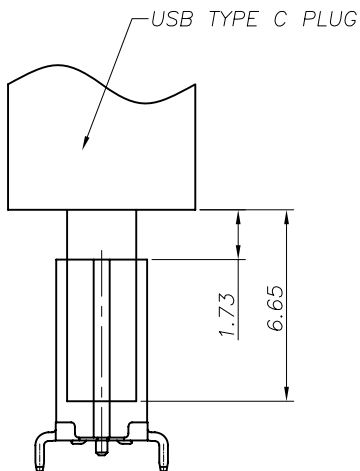
SHEET NO. 1 OF 3

DIMENSION STYLE MM ONLY DESIGN UNITS METRIC

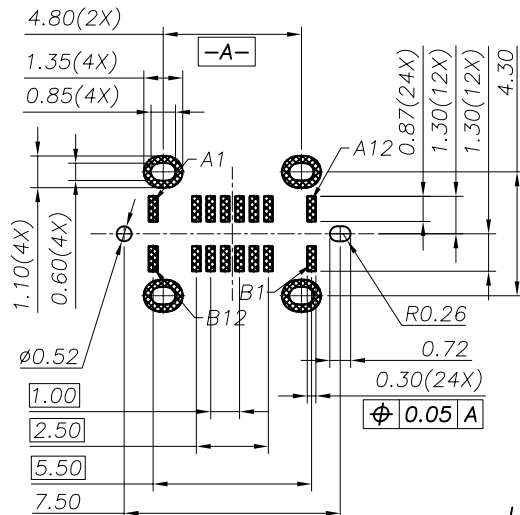
SCALE 5:1

THIRD ANGLE PROJECTION

REV	ECN No.	DATE	REMARK
A0	NEW	2019.03.05	NEW RELEASE



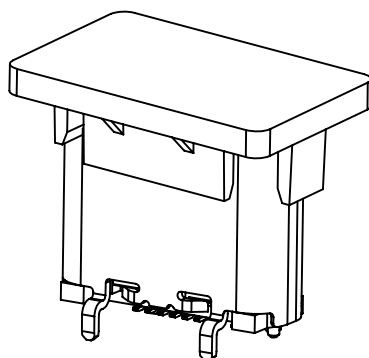
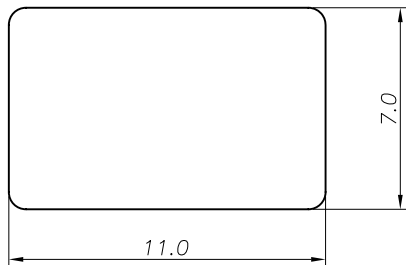
FEMALE AND MALE MATCHING DRAWING



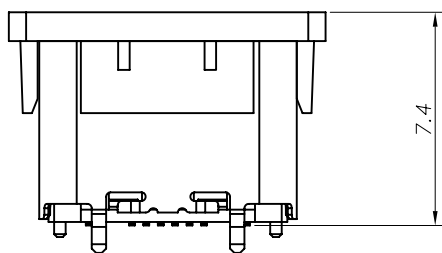
RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE:±0.05

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



WITH COVER SCHEMATIC



MATERIAL NO.:

PART NUMBER CODE

REVIEW TABLE FOR DETAILS

QUALITY SYMBOL	GENERAL TOLERANCES (UNLESS SPECIFIED)
0	± ---
0	± 0.10
0	± 0.25
0	± 0.30
0	ANGULAR ± ---

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DRAWN BY	DATE
SAM	2019.03.05
CHECKED BY	DATE
JAY	2019.03.05
APPROVED BY	DATE
JACKY	2019.03.05

TITLE: USB CF 16PIN VERTICAL W/O EMI SPRING,HIGHT 6.4

DOCUMENT NO. CF136-16-01

SHEET NO. 2 OF 3

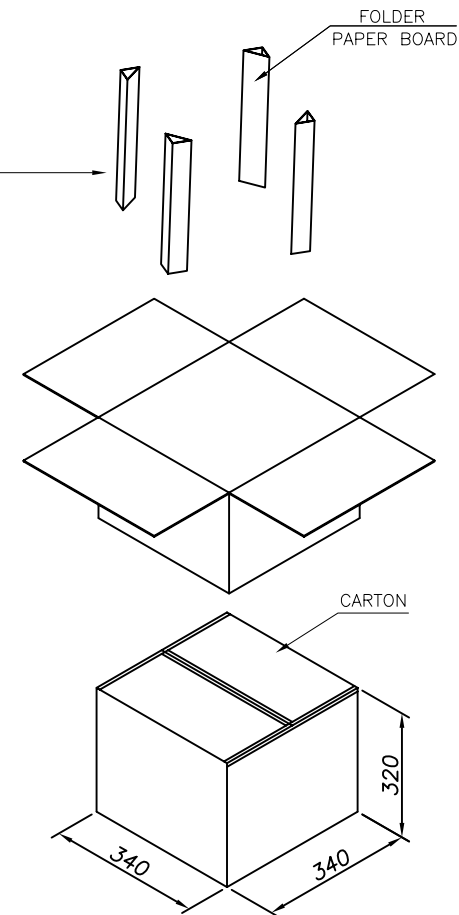
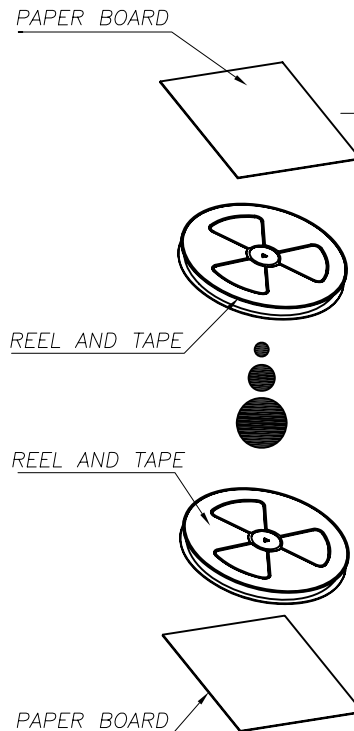
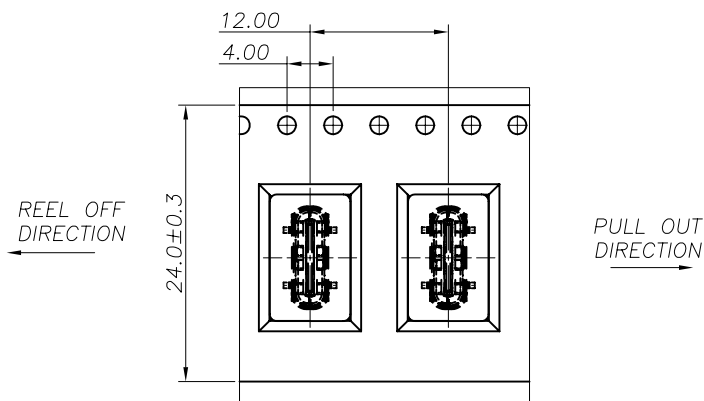
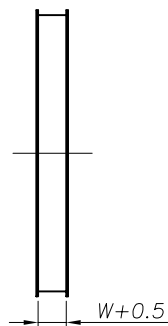
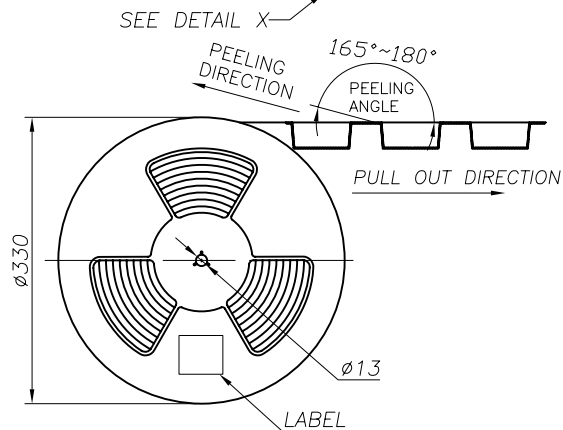
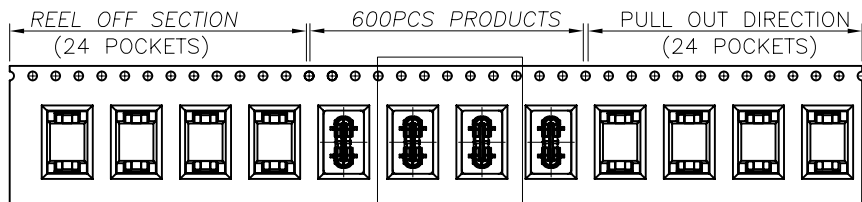
DIMENSION STYLE: MM ONLY

DESIGN UNITS: METRIC

SCALE: 5:1

THIRD ANGLE PROJECTION

REV	ECN No.	DATE	REMARK
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	REEL/TRAY	CARTON
CONNECTOR (PCS)	600	6000

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PART NUMBER CODE		深圳市顺宏康科技有限公司		DRAWN BY SAM
REVIEW TABLE FOR DETAILS		TITLE USB CF 16PIN VERTICAL W/O EMI SPRING,HIGHT 6.4		DATE 2019.03.05
QUALITY SYMBOL	0	GENERAL TOLERANCES (UNLESS SPECIFIED)		CHECKED BY JAY
	0	x.xxxx	± ---	DATE 2019.03.05
	0	x.xxx	± 0.10	APPROVED BY JACKY
	0	x.xx	± 0.25	DATE 2019.03.05
	0	x.x	± 0.30	
0	ANGULAR	± ---	DOCUMENT NO. CF136-16-01	SHEET NO. 3 OF 3
	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 5:1	THIRD ANGLE PROJECTION

frame size: A4