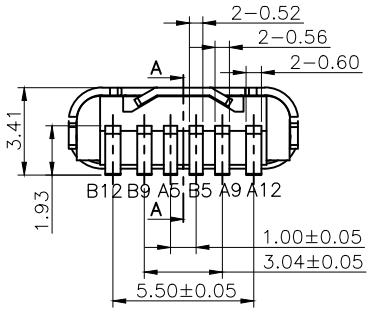
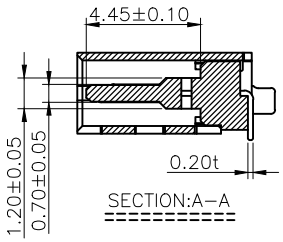
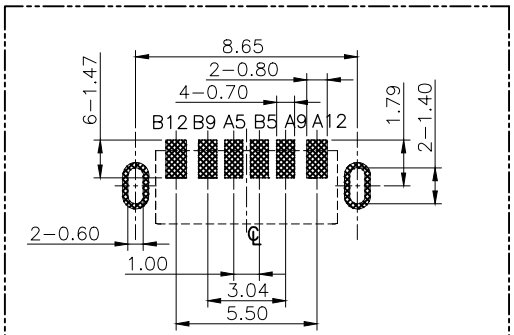
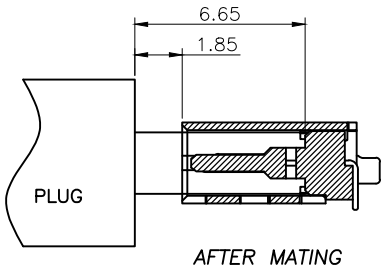








RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



AFTER MATING

NOTE1:

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.SHIELD PLATE&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: 2000 CYCLES.

4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING:3.0A
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.

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

P/N	(L)	(P) 脚长	COLOER	额定电流
HC-TYPE C-6P-VS6.8-3A-F1.0-09	6.80mm	1.00mm	黑色	3A
HC-TYPE C-6P-VS6.8-3A-F1.5-09	6.80mm	1.50mm	黑色	3A
HC-TYPE C-6P-VS6.5-3A-F1.0-09	6.50mm	1.00mm	黑色	3A
HC-TYPE C-6P-VS6.5-3A-F1.5-09	6.50mm	1.50mm	黑色	3A
HC-TYPE C-6P-VS5.5-3A-F1.0-09	5.50mm	1.00mm	黑色	3A
HC-TYPE C-6P-VS5.5-3A-F1.5-09	5.50mm	1.50mm	黑色	3A
HC-TYPE C-6P-VS5.0-3A-F1.0-09	5.00mm	1.00mm	黑色	3A
HC-TYPE C-6P-VS5.0-3A-F1.5-09	5.00mm	1.50mm	黑色	3A

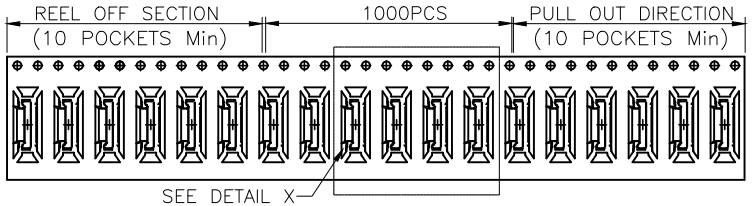
Ordering Information

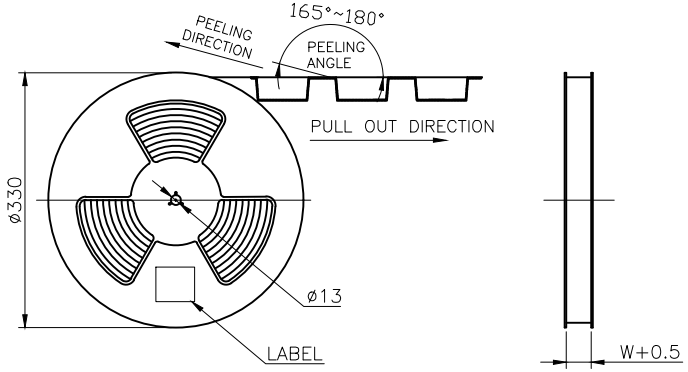
HC-TYPE C - 6P - ** * - *A - F* - * - 09

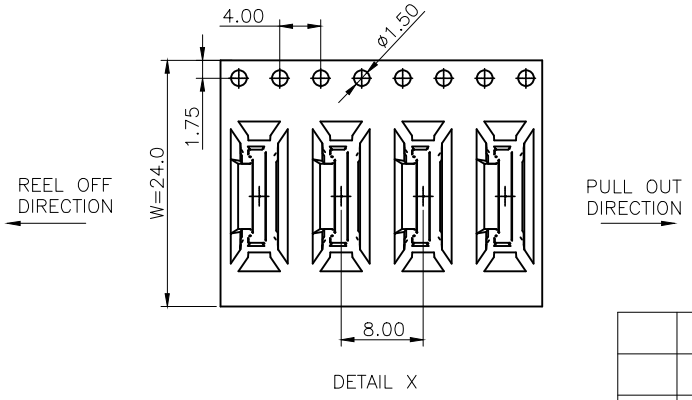
Pin	Type			Current Rated	F=Foot Length	Colour
4P	TH=Top Mount			3A		Blank=Black
6P	DS=DIP+SMT			5A		W=White
9P	MM=Mid Mount			10A	L*=Length	B=Blue
12P	CH=Center Height					G=Green
16P	VS=Vertical SMT					O=Orange
24P	DIP=DIP					P=Purple
	CP=Clip					Y=Yellow
	FL=Flag					

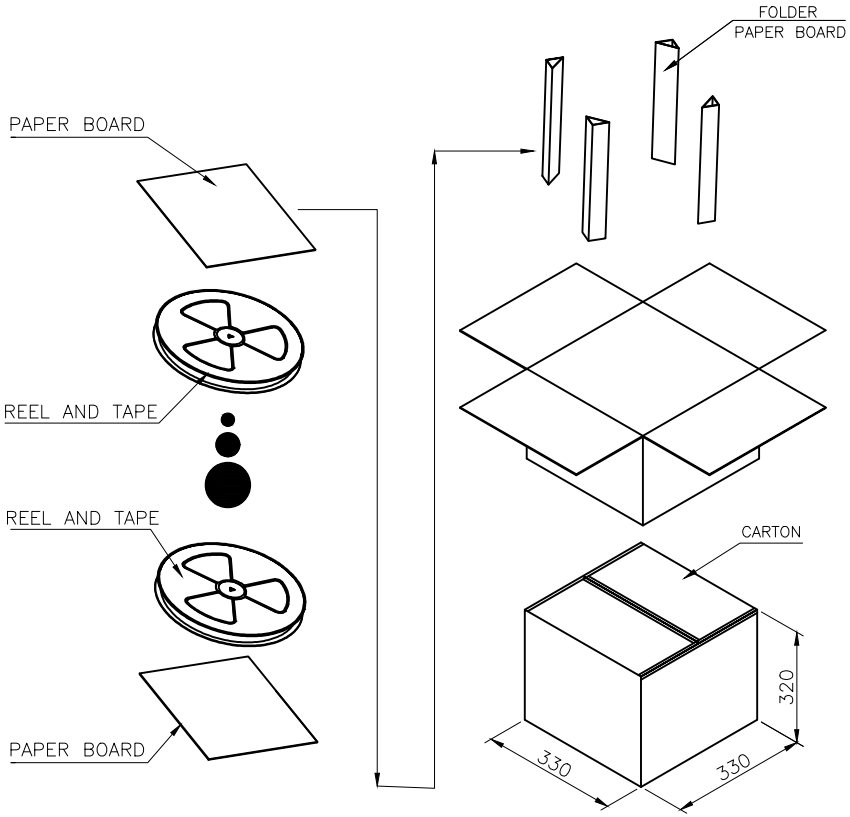
			GENERL TOLERANCE	制 图 DRAWING		深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD		
			DIM TOL	审 核 CHECK				
			X.X ±0.30	批 准 APPROVAL		产品名称 TITLE	TYPE CF 6P 直立式 L6.80/6.50/5.50/5.00mm 无弹无柱	版 本 REV. A
1	初版发行		X.XX ±0.20	比 例 SCALE		产品料号 PART NO.	HC-TYPE C-6P-VSX-3A-FX-09	单 位 UNITS mm
序号 No.	变更内容 MODIFY CONTENT	日 期 MODIFY DATE	X.XXX ±0.10 Angle ±3.0°	投 影 Projection		材 料 MATERIAL		页 次 SHEET 1/2

pcs/box	boxs/Carton	Pcs/Box
1000	*	*









			GENERL TOLERANCE		制 图 DRAWING		深圳市华灿天禄电子有限公司 ShenzhenhuacantianluELECTRONICS CO.,LTD			
			DIM	TOL	审 核 CHECK					
			X.X	±0.30	批 准 APPROVAL		产品名称 TITLE	TYPE CF 6P 直立式 无弹无柱 L6.80/6.50/5.50/5.00mm -包装图	版 本 REV.	A
			X.XX	±0.20	比 例 SCALE		产品料号 PART NO.	HC-TYPE C-6P-VSX-3A-FX-09	单 位 UNITS	mm
1	初版发行		X.XXX	±0.10						
序号 No.	变更内容 MODIFY CONTENT	日 期 MODIFY DATE	Angle	±3.0°	投 影 Projection		材 料 MATERIAL		页 次 SHEET	2/2