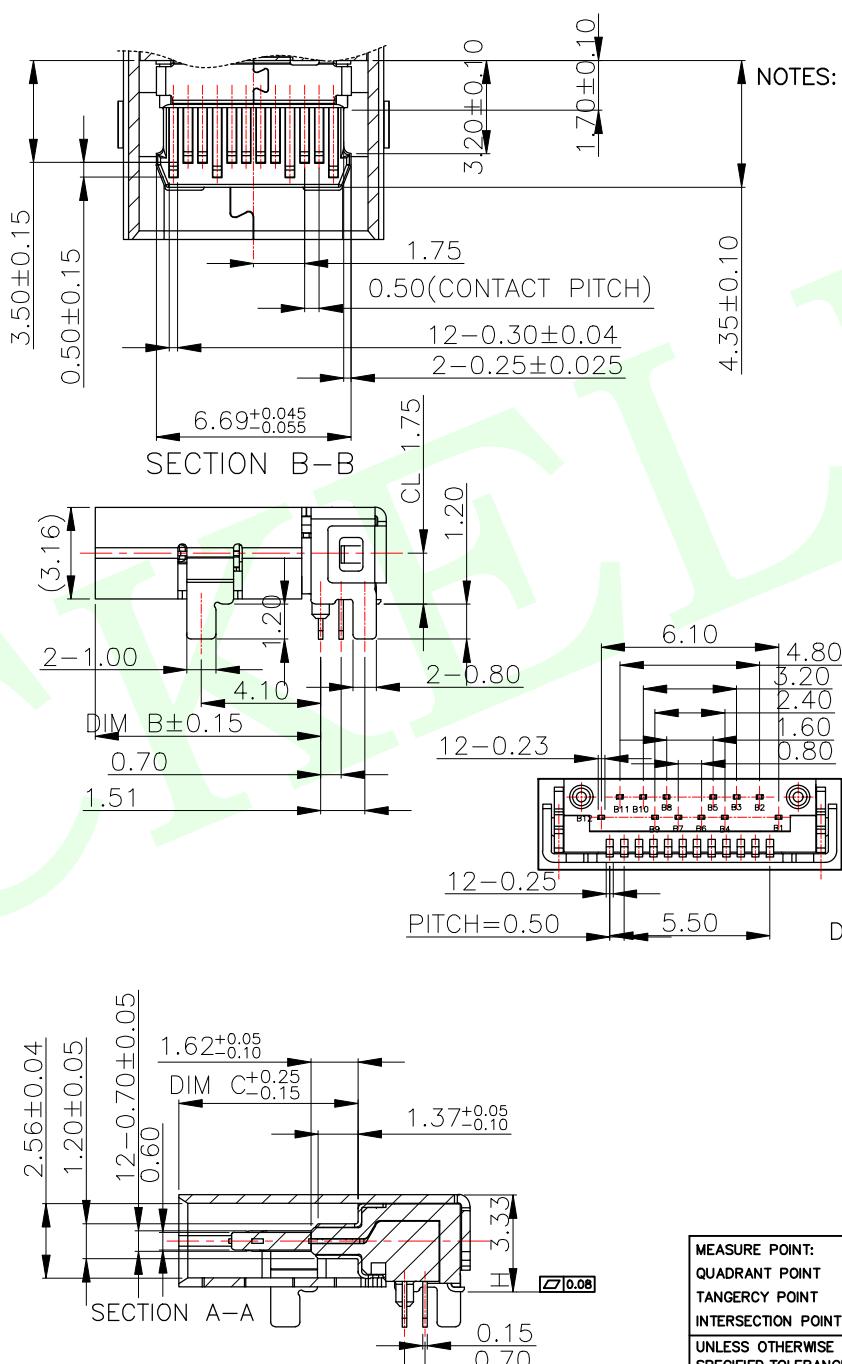
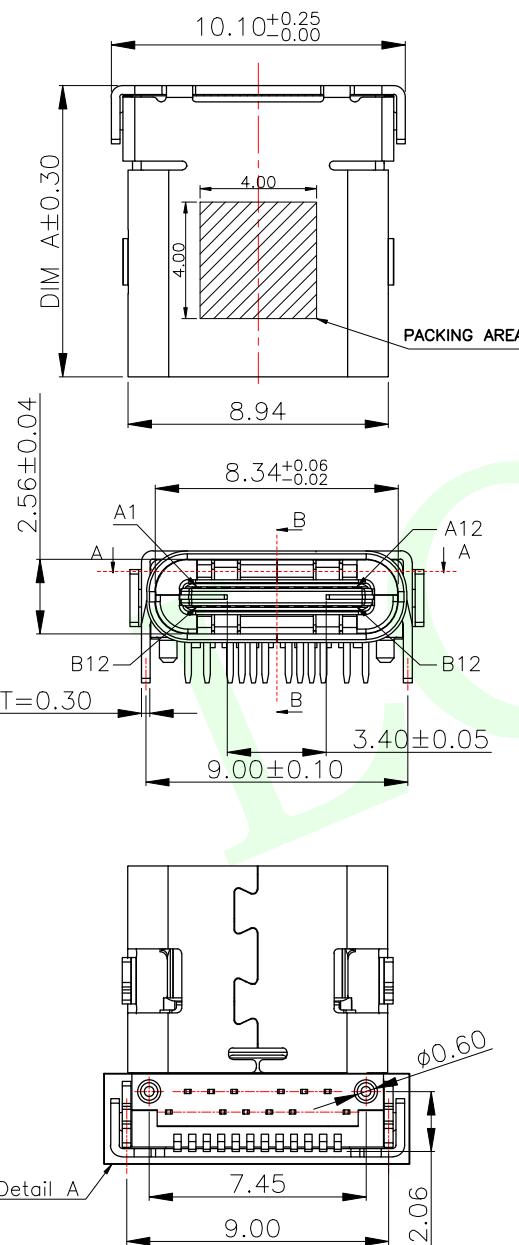


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OTES: 1. MATERIAL:
MOLDING: LCP UL94 V-0
CONTACT: COPPER ALLOY.
GOLD PLATED Min ON CONTACT AREA, 100 μ m
Min TIN (LEAD FREE) ON SOLDER AREA,
SHELL: SUS304-H, T=0.30±0.03mm
50 μ m NICKEL PLATING OVER ALL.
SHIELD: SUS304-H, T=0.12±0.03mm

2. MECHANICAL:
INSERTION: 5~20N.
EXTRACTION: 8~20N AFTER TEST.
DURABILITY: 10000 CYCLES

3. ELECTRICAL:
CURRENT: 5A FOR VBUS;
1.25A FOR GND PIN.
0.25A FOR OTHER.
VOLTAGE: 20 V MAX
WITHSTANDING VOLTAGE: 100V AC R.M.S.
CONTACT RESISTANCE: 40m Ω MAX.
INSULATION RESISTANCE: 100M Ω MIN.

P/N:	DIM A	DIM B	DIM C
LCK-TCF916-L100YL-G1	10.00	7.75	6.15
LCK-TCF916-L865YL-G1	8.65	6.40	4.80

The diagram illustrates the structure of the product flow number identification code. It consists of several vertical lines representing different components of the code:

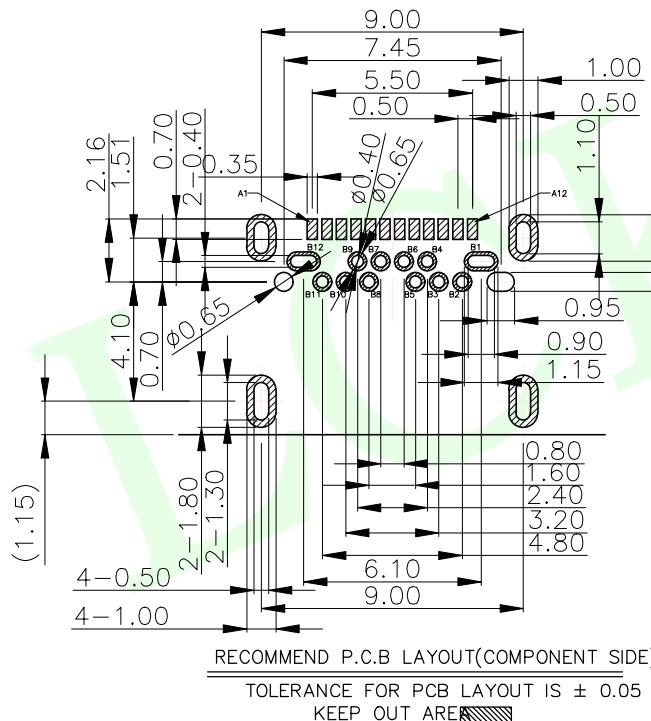
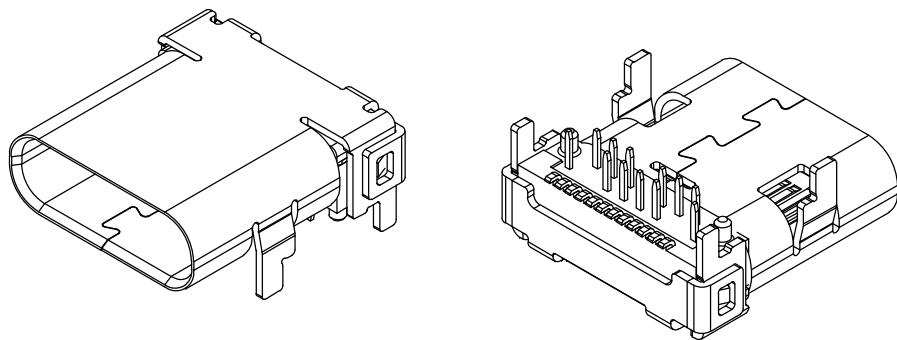
- LCK-TCF**: The first part of the code, consisting of two lines.
- 916-LXX**: The second part, consisting of two lines.
- Y**: A single vertical line.
- L-**: A single vertical line.
- G**: A single vertical line.

Annotations below the lines provide additional context:

- 连晨欣** is connected to the **LCK** component.
- 产品类别** (Product Category) is connected to the **TCF** component.
- TCF: TYPE C母头** (TCF: Type C母头) is connected to the first line of the **916-LXX** component.
- TCM: TYPE C公头** (TCM: Type C公头) is connected to the second line of the **916-LXX** component.
- 产品流水料号识别码** (Product Flow Number Identification Code) is connected to the **Y** component.
- 高度** (Height) is indicated by a bracket above the **916-LXX** component, with values **L120: 8.65** and **L100: 10.00**.
- Y:**, **W:**, and **有:** are located at the bottom right of the diagram.

MEASURE POINT:							
QUADRANT POINT	(Q)						
TANGENCY POINT	(TP)						
INTERSECTION POINT	(IP)						
UNLESS OTHERWISE SPECIFIED, TOLERANCE:							
X.	±0.25	DESIGN	Andy	DATE	2014.12.24	TITLE:	
X.x	±0.20	CHECKED		DATE		USB TYPE C 24PIN 卧式半插半贴	
X.xx	±0.15	APPROVED		DATE		单壳 壳长10.0/8.65	
ANGULAR	±3°	PART NO: LCK-TCF916-LXXXYL-G1			REV: 04	SCALE: 1:1	UNIT: mm
		DRAWING NO:			SIZE: A4	SHEET: 1/1	◎

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USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

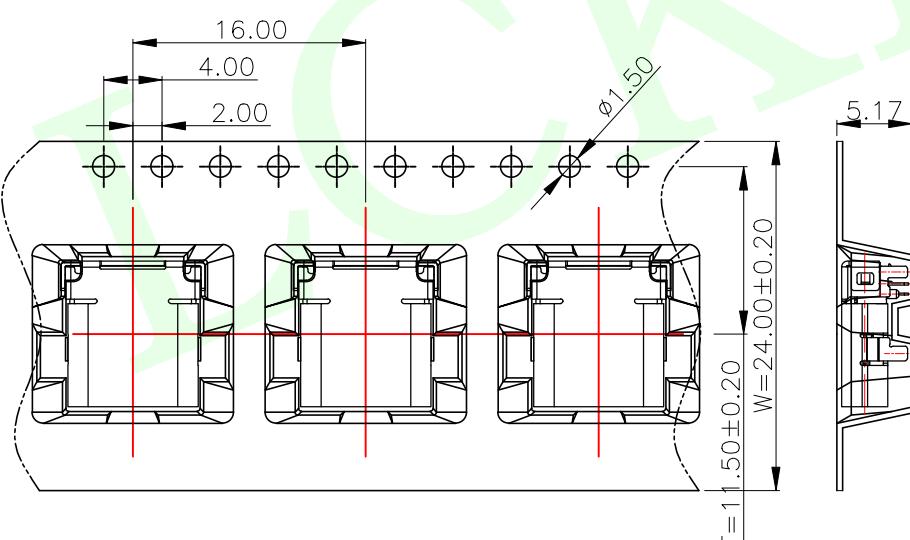
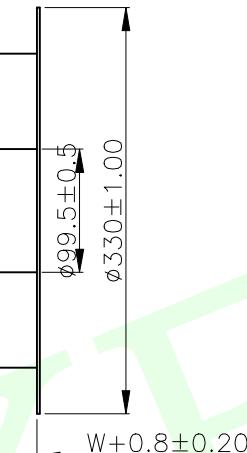
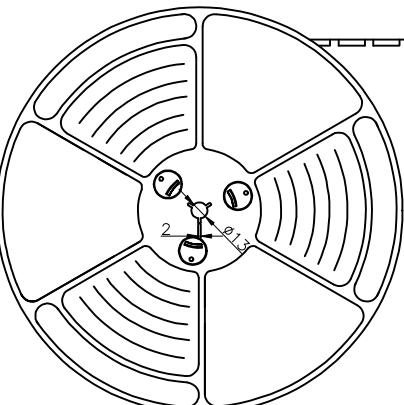
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRxp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRxn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuraation Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRxn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRxp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

MEASURE POINT:		联晟欣连接器（深圳）有限公司					
QUADRANT POINT	(QP)						
TANGENCY POINT	(TP)						
INTERSECTION POINT	(IP)						
UNLESS OTHERWISE SPECIFIED, TOLERANCE:		DESIGN	Andy	DATE	2014.12.24	TITLE:	
		CHECKED		DATE		USB TYPE C 24PIN 卧式半插半贴	
		APPROVED		DATE		单壳 壳长10.0/8.65	
		PART NO: LCK-TCF916-LXXXYL-G1			REV: 04	SCALE: 1:1	UNIT: mm
ANGULAR		DRAWING NO:			SIZE: A4	SHEET: 1/1	◎

1 2 3 4 5 6 7

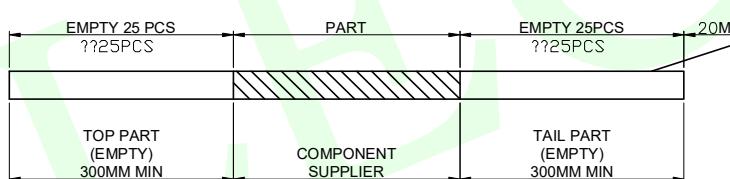
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A

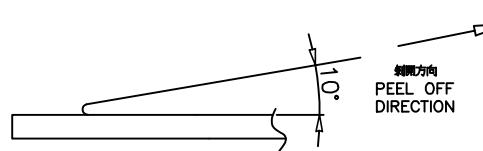


NOTES

1. 带子引导长度
LEAD TAPE LENGTH
出料方向
PULL OUT DIRECTION



2. 上带剥力为: 0.1~1.3N(10.2gf~130gf)
PEELING OFF FORCE OF TOP TAPE: 0.1~1.3N(10.2gf~130gf)
- 出货运输过程中一定注意:
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:
卷带在运输过程中不能散开
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



MEASURE POINT:	QP
QUADRANT POINT	
TANGENCY POINT	
INTERSECTION POINT	IP
UNLESS OTHERWISE SPECIFIED, TOLERANCE:	
X.	± 0.25
X.x	± 0.20
X.xx	± 0.15
ANGULAR	$\pm 3^\circ$

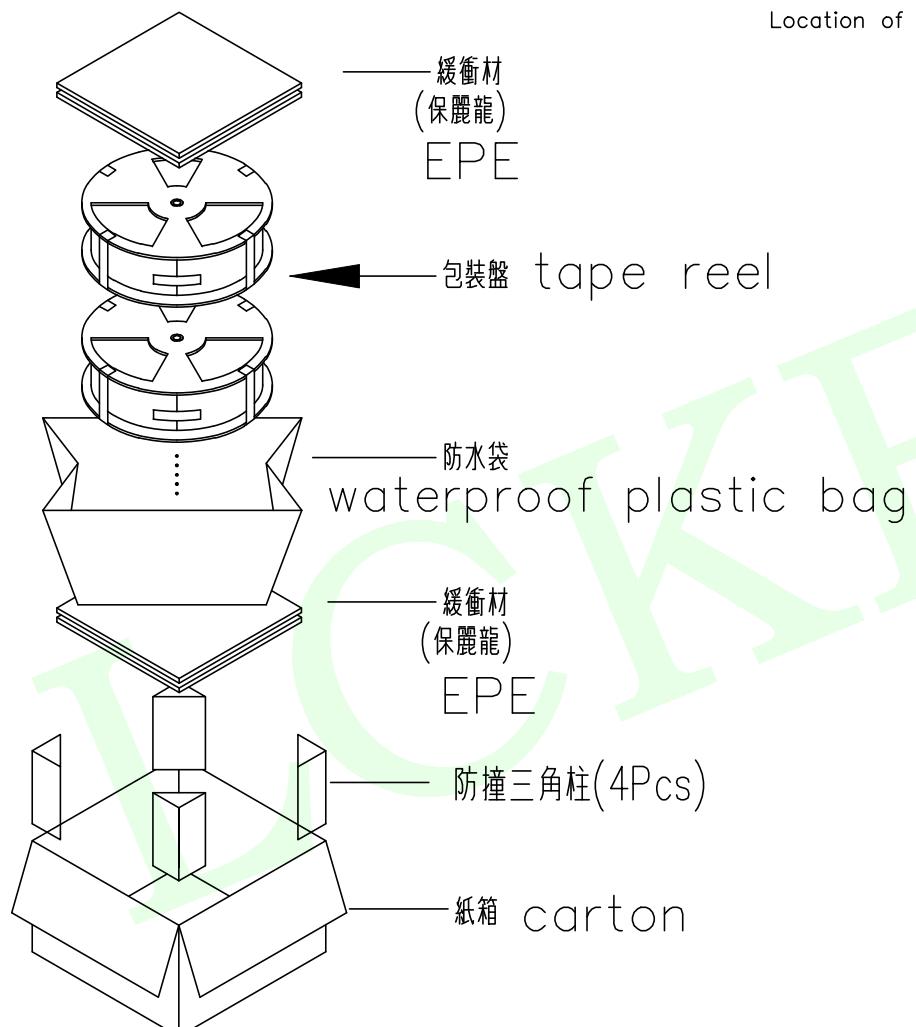
联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	USB TYPE C 24PIN 卧式半插半贴
CHECKED		DATE			单壳 壳长10.0/8.65
APPROVED		DATE			
PART NO:	LCK-TCF916-LXXXYL-G1	REV:	04	SCALE:	1:1
DRAWING NO:		SIZE:	A4	SHEET:	1/1

1 2 3 4 5 6 7

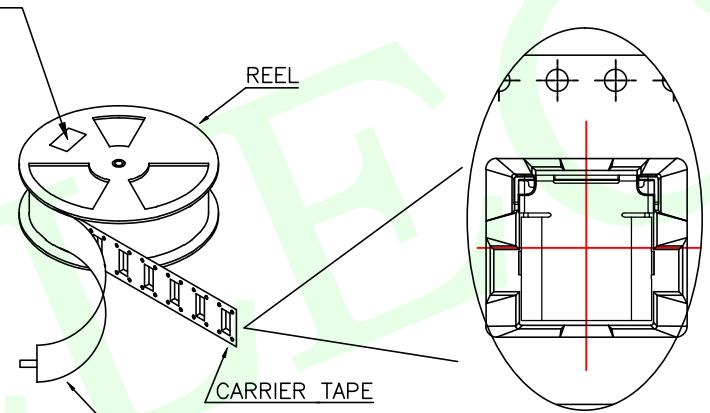
1 2 3 4 5 6 7

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at small positioning hole of the carrier tape side).
標簽黏貼處 (朝捲裝包材的小定位孔一側)

Location of label sticking (label)



NOTE:

1. 每捲包裝數量及每箱裝箱數量如左下表格.

Packing q'ty of each reel & carton as below table shown.

2. 以上膠帶覆蓋下包裝帶經包裝機熱熔包裝

Use cover tape to cover and hot melt machine to seal up.

3. 每個紙箱放2個珍珠棉

Every carton use 2pcs EPE.

4. 將裝滿產品的卷盤放入紙箱並以膠帶封口

Put reels in the carton and use adhesive tape to seal up.

MEASURE POINT: QUADRANT POINT TP INTERSECTION POINT IP
--

UNLESS OTHERWISE SPECIFIED, TOLERANCE:	DESIGN	Andy	DATE	2014.12.24	TITLE:
X. ±0.25	CHECKED		DATE		USB TYPE C 24PIN 卧式半插半贴
X.x. ±0.20	APPROVED		DATE		单壳 壳长10.0/8.65
X.xx ±0.15					PART NO: LCK-TCF916-LXXXYL-G1
ANGULAR ±3°					REV: 04 SCALE: 1:1 UNIT: mm
					DRAWING NO: SIZE: A4 SHEET: 1/1

联晟欣连接器（深圳）有限公司
Lianshengxin Connector (Shenzhen) Co., Ltd

產品料號 (PRODUCT No.)	包裝容量 (PACKING CAPACITY)			重量 WEIGHT (Kg)		
	PCS/REEL	REELS/CARTON	PCS/CARTON	N.W./PCS	N.W./BOX	G.W./BOX
LCK-TCF916-LXXXYL-G1	700	8	5600	0.704		

1 2 3 4 5 6 7