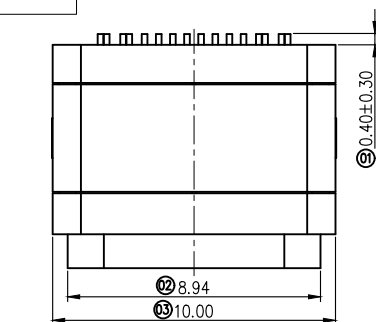
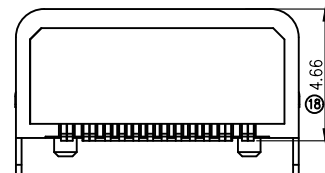
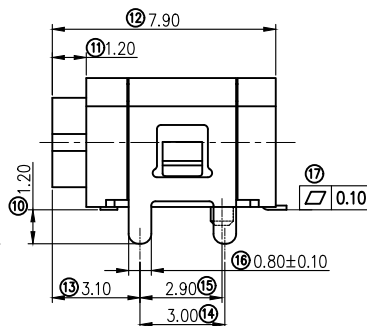
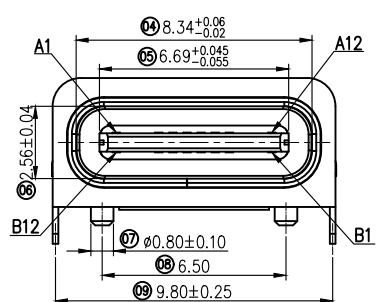




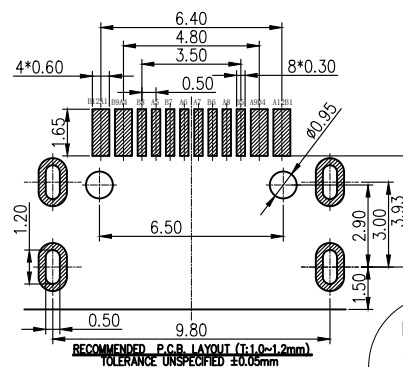
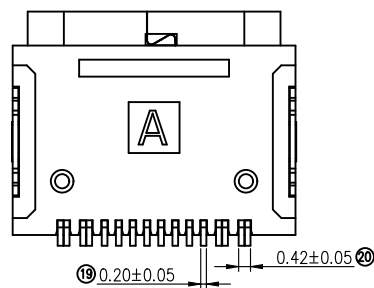
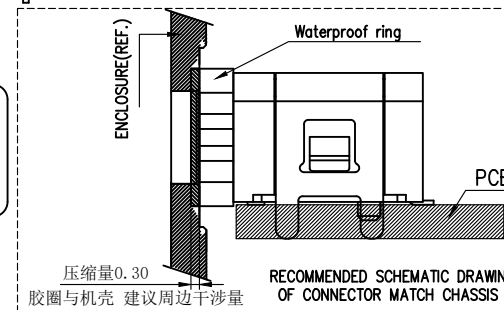
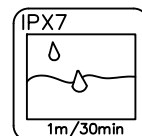
REV:	ECN. NO.	NAME	DATE
A1	-----	Update drawing	07-21-2026



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
PIN	SIGNAL NAME	PIN	SIGNAL NAME



- NOTES:
1. MATERIAL:
1.1 HOUSING: LCP UL94V-0; COLOR: BLACK
1.2 TERMINAL: C2680
1.3 SHELL: SUS304
1.4 SHIELDING PLATE: SUS301
 2. FINISH:
2.1 TERMINAL: G/F PLATED ON CONTACT AREA;
G/F PLATED ON SOLDER AREA;
NI 20μ" MIN. UNDERPLATED OVERALL
 - 2.2 SHELL: NI 20μ" MIN. PLATED OVERALL
 - 2.3 SHIELDING PLATE:
3. ELECTRICAL SPECIFICATION:
3.1 RATED CURRENT: VBUS AND GND PIN 3A;
Other pin 0.25A
3.3 CONTACT RESISTANCE: 40mΩ MAX(INITIAL), 50mΩ MAX (AFTER).
3.4 INSULATION RESISTANCE: 100MΩ MIN.
3.5 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC.
 4. MACHINERY SPECIFICATION:
4.1 MATING FORCE: 5N~20N.
UNMATING FORCE: 8N~20N. (AFTER TEST: 6N~20N).
4.2 DURABILITY: 10000 CYCLES MIN.
 5. ENVIRONMENTAL SPECIFICATION:
5.1 OPERATING CONDITION: TEMPERATURE: -40℃~+85℃;
HUMIDITY 80% R.H MAX
 - 5.2 SALT SPRAY: 24H
 6. SOLDER ABILITY: 245±5℃, 5±0.5s
 7. IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.



MILLIMETERS	INCH
X° ± 2°	X° ± 2°
.X ± 0.30	.X ± 0.012
.XX ± 0.20	.XX ± 0.008
.XXX ± 0.10	.XXX ± 0.004



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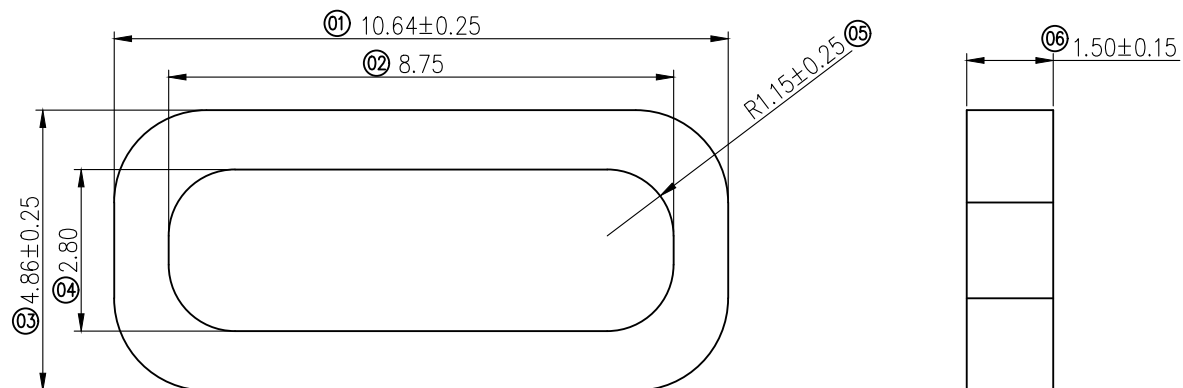
TITLE: TYPE C 16pin 防水母座 板上型 端子SMT, 四脚插板 带塑胶柱 不带防水圈

DRAWN BY:	Zou Long	PART NO:	UC319932E1	SHEET:	1 OF 4	REV:	A1
CHECKED BY:	Bob	DWG NO:	D-UC319932E1	SIZE:	A4	UNIT:	mm
APPROVED BY:	QPF	PROJECTION:	http://www.vitalconn.com				

For technical support, please send an email to support@vitalconn.com



REV:	ECN. NO.	NAME	DATE
A1	-----	Update drawing	07-21-2026



备注：
1. 材质：硅胶
2. 颜色：黑色 无卤
3. 耐高温：270°

注：防水圈是方形截面厚度为1.5mm的
硅胶圈,防水圈挤压量,由1.5mm挤压到
0.9mm ~ 1.1mm,防水效果好

MILLMETERS	INCH
X° ± 2°	X° ± 2°
.X ± 0.30	.X ± 0.012
.XX ± 0.20	.XX ± 0.008
.XXX ± 0.10	.XXX ± 0.004



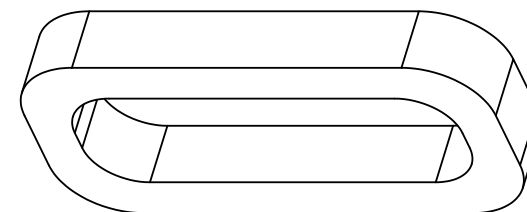
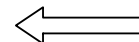
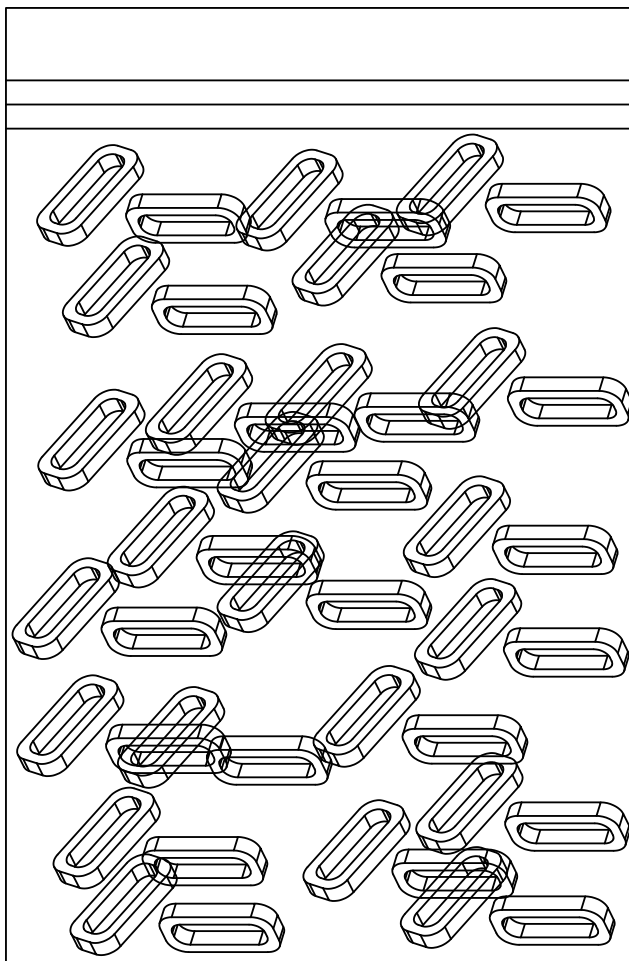
FOR YOUR
VITAL CONNECTION

TITLE:	TYPE C 16pin 防水母座 板上型 端子SMT, 四脚插板 带塑胶柱 不带防水圈				
DRAWN BY:	Zou Long	PART NO:	UC319932E1	SHEET:	2 OF 4
CHECKED BY:	Bob	DWG NO:	D-UC319932E1	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com	

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REV:	ECN. NO.	NAME	DATE
A1	-----	Update drawing	07-21-2026



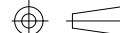
产品

PE 袋
1000 Pcs/ 袋

MILLMETERS	INCH
$X^{\circ} \pm 2^{\circ}$	$X^{\circ} \pm 2^{\circ}$
$.X \pm 0.30$	$.X \pm 0.012$
$.XX \pm 0.20$	$.XX \pm 0.008$
$.XXX \pm 0.10$	$.XXX \pm 0.004$



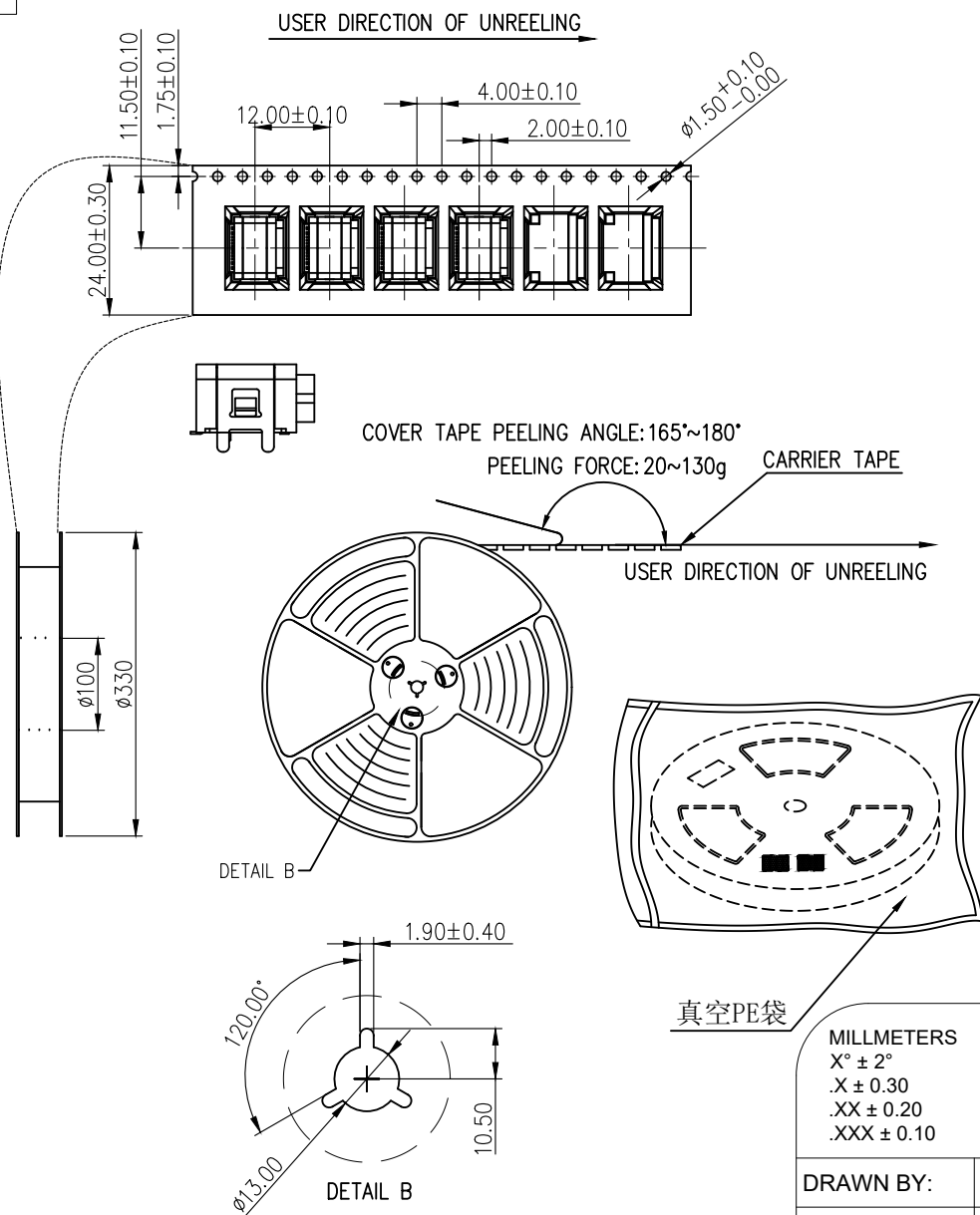
FOR YOUR
VITAL CONNECTION

TITLE:		TYPE C 16pin 防水母座 板上型 端子SMT, 四脚插板 带塑胶柱 不带防水圈			
DRAWN BY:	Zou Long	PART NO:	UC319932E1	SHEET:	3 OF 4
CHECKED BY:	Bob	DWG NO:	D-UC319932E1	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com	

For technical support, please send an email to support@vitalconn.com

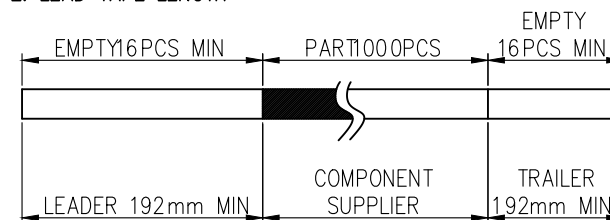


REV:	ECN. NO.	NAME	DATE
A1	-----	Update drawing	07-21-2026

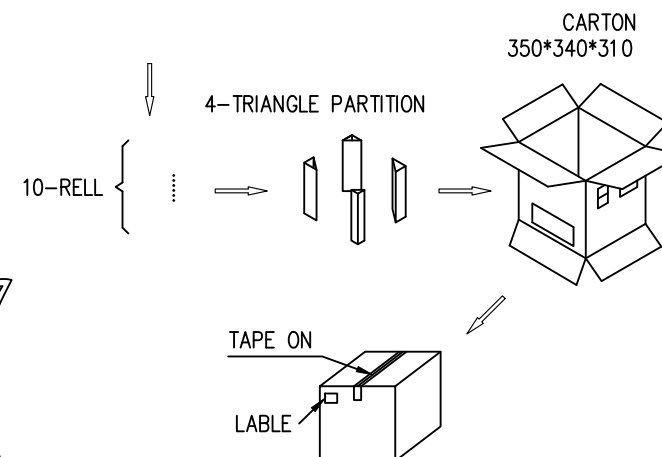


NOTES

1. NUMBER OF CONNECTORS: 1000PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY: 10000PCS/CARTON



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MILLMETERS	INCH
X° ± 2°	X° ± 2°
.X ± 0.30	.X ± 0.012
.XX ± 0.20	.XX ± 0.008
.XXX ± 0.10	.XXX ± 0.004

VITALCONN
a vital connector company

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TITLE:		TYPE C 16pin 防水母座 板上型 端子SMT, 四脚插板 带塑胶柱 不带防水圈			
DRAWN BY:	Zou Long	PART NO:	UC319932E1	SHEET:	4 OF 4
CHECKED BY:	Bob	DWG NO:	D-UC319932E1	SIZE: A4	UNIT:mm
APPROVED BY:	QPF	PROJECTION:		http://www.vitalconn.com	