

A	B	C	D	E	
REV.	DESCRIPTION		ECN NO.	NAME	DATE

NOTES:

1.MECHANICAL:MATING FORCE: 5-20N .
UNMATING FORCE: 8-20N .
DURABILITY: 10000 CYCLES MIN.

2.ELECTRICAL:
CURRENT: 5.0A MAX
VOLTAGE: 20V MAX
WITHSTANDING VOLTAGE: 100V AC
CONTACT RESISTANCE: 40 mΩ MAX INITIAL;
50 mΩ MAX AFTER 10000 CYCLES

3.ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE -30°C ~ +80°C

4.Salt Spray:24H

1																																																		
2																																																		
3																																																		
4	<table><tr><td>A1</td><td>GND</td><td>B12</td><td>GND</td></tr><tr><td>A2</td><td>-</td><td>B11</td><td>-</td></tr><tr><td>A3</td><td>-</td><td>B10</td><td>-</td></tr><tr><td>A4</td><td>VBUS</td><td>B9</td><td>VBUS</td></tr><tr><td>A5</td><td>CC1</td><td>B8</td><td>SBU2</td></tr><tr><td>A6</td><td>DP1</td><td>B7</td><td>DN2</td></tr><tr><td>A7</td><td>DN1</td><td>B6</td><td>DP2</td></tr><tr><td>A8</td><td>SBU1</td><td>B5</td><td>CC2</td></tr><tr><td>A9</td><td>VBUS</td><td>B4</td><td>VBUS</td></tr><tr><td>A10</td><td>-</td><td>B3</td><td>-</td></tr><tr><td>A11</td><td>-</td><td>B2</td><td>-</td></tr><tr><td>A12</td><td>GND</td><td>B1</td><td>GND</td></tr></table>	A1	GND	B12	GND	A2	-	B11	-	A3	-	B10	-	A4	VBUS	B9	VBUS	A5	CC1	B8	SBU2	A6	DP1	B7	DN2	A7	DN1	B6	DP2	A8	SBU1	B5	CC2	A9	VBUS	B4	VBUS	A10	-	B3	-	A11	-	B2	-	A12	GND	B1	GND	
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5																																																		

Dimensions:

Pin Pitch: 0.5mm

Overall Width: 9.00±0.25mm

Height: 4.18±0.1mm

Mounting Tab Width: 1.1±0.1mm

Tab Thickness: 4.16±0.15mm

Front View Height: 8.35±0.15mm

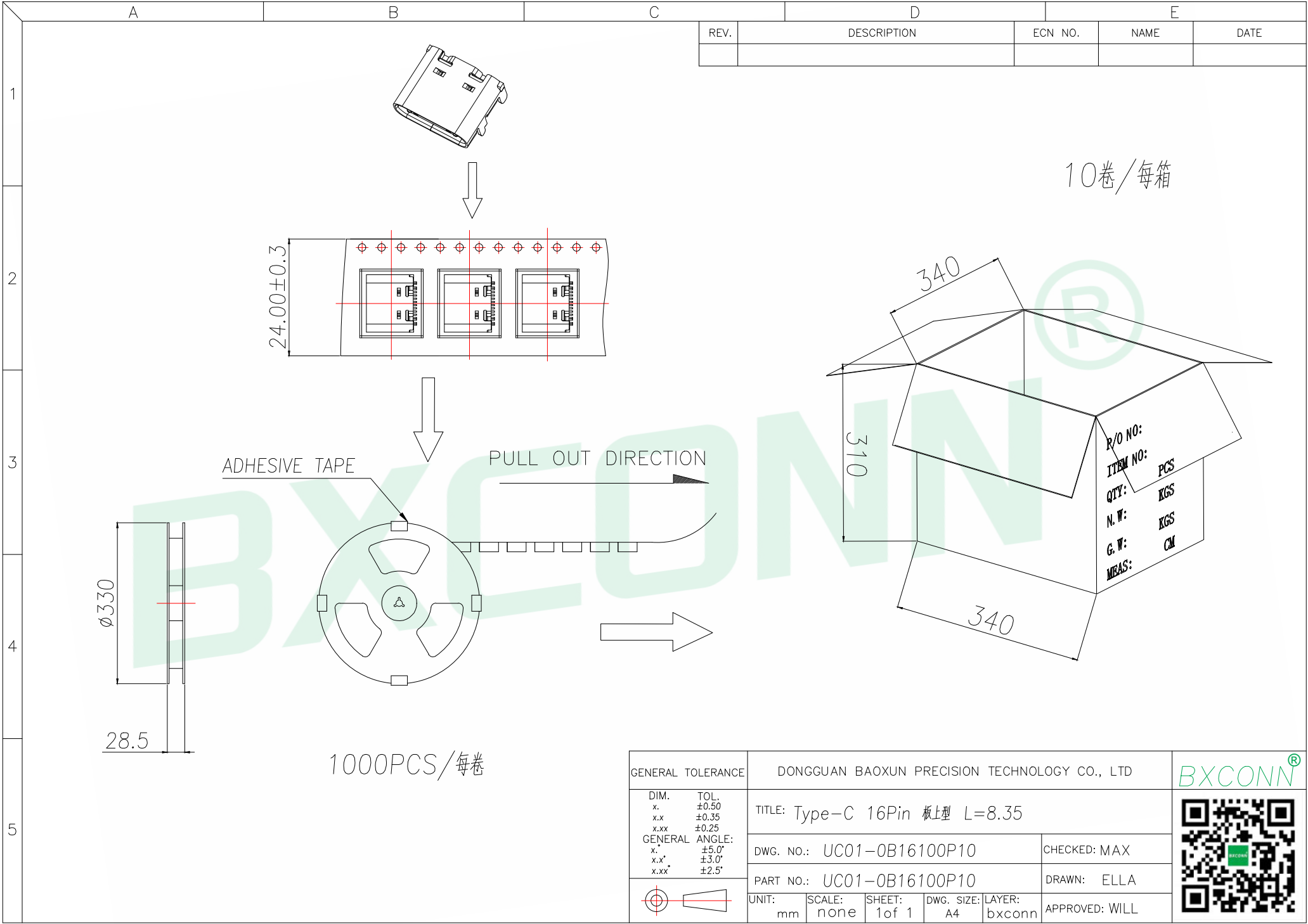
Pin Layout: A1-A12 / B1-B12

Bottom View Dimensions: 8.64±0.1mm, 5.75±0.05mm, 8.34+0.06/-0.02mm

Cross-section Dimensions: 2.56±0.04mm, 0.7±0.05mm, 1.2±0.05mm, 0.8±0.1mm, 3.6mm

BOM	
名称	材料规格
主体	LCP 黑色 端子C2680 T=0.15mm 全金1u"
	卡钩:SUS301 H T=0.15mm 素材
外壳	SUS201 1/4H T=0.30mm 亮Ni:80u"

GENERAL TOLERANCE		DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD				
DIM.	TOL.	TITLE: Type-C 16Pin 板上型 L=8.35				
x.	±0.50	DWG. NO.: UC01-0B16100P10				
x.x	±0.35					
x.xx	±0.25	CHECKED: MAX				
GENERAL ANGLE:		PART NO.: UC01-0B16100P10				
x.*	±5.0°	DRAWN: ELLA				
x.x'	±3.0°					
x.xx'	±2.5°	APPROVED: WILL				
		UNIT: mm	SCALE: none	SHEET: 1 of 1	DWG. SIZE: A4	LAYER: bxcnnc



GENERAL TOLERANCE		DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD					BXCONN [®]								
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GENERAL ANGLE:		DWG. NO.: UC01-0B16100P10			CHECKED: MAX										
x. ±5.0°		PART NO.: UC01-0B16100P10			DRAWN: ELLA										
x.x° ±3.0°															
x.xx° ±2.5°		UNIT: mm		SCALE: none		SHEET: 1 of 1			DWG. SIZE: A4		LAYER: bxconn		APPROVED: WILL		
