

RoHS

REV.	EC#	DESCRIPTION	DATE	DRAWING	CHECKED	APPROVED
A0		NEW RELEASE	12/16'20	FR	/	MOON

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING: LCP, UL94 V-0. BLACK
- 2.CONTACTS: COPPER ALLOY(C1814)
- 3.MID PLATE: STAINLESS STEEL(SUS301)
- 4.FRONT SHELL: STAINLESS STEEL(SUS304)
- 5.EMI PLATE: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE CONTACT AREA
(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.MID PLATE&EMI PLATE:

- NO PLATING

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.

PART No.:

USB SERIES

PLATING:

32: Au3u"+G/F

PAKING:

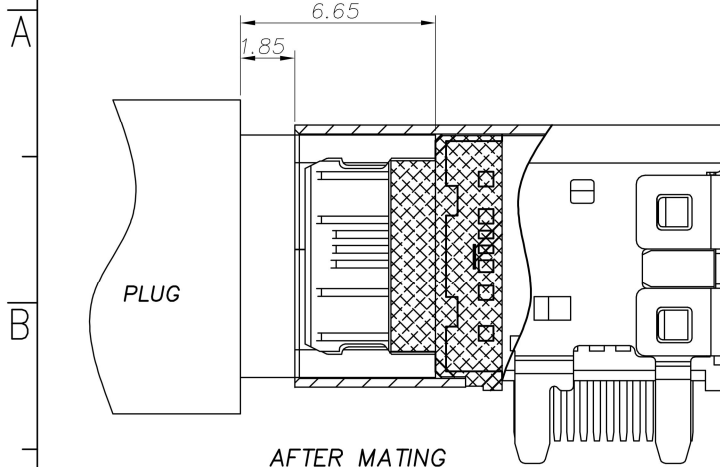
2: REEL

SERIAL NO.

MILLIMETERS	INCH	UNITS	MM	东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
X° ± 2°	X° ± 2°	MAT'L		PART NUMBER:		TITLE:	
.X ± 0.30	.XX ± 0.012	SEE NOTES		APPD: MOON		USB TYPE C 3.1 14PIN 侧插 外壳折弯脚6.0mm	
.XX ± 0.20	.XXX ± 0.008	FINISH		CHKD: --		DWG NO.:	
.XXX ± 0.10	.XXXX ± 0.004	SEE NOTES		DR: FR		C-104323302-00	
		QTY				SCALE	SHEET
		SEE NOTES				1:1	1/3
						REV.	A0

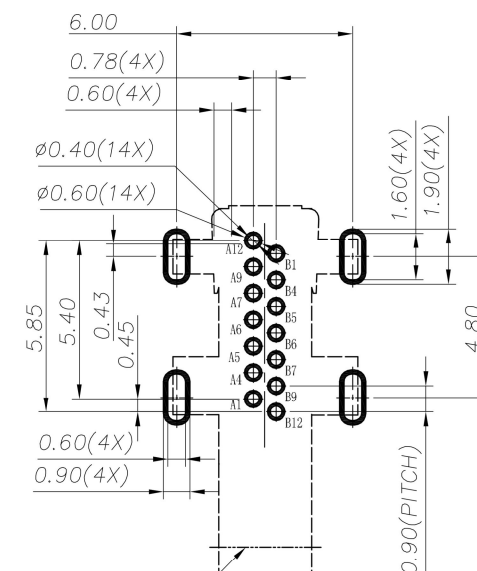
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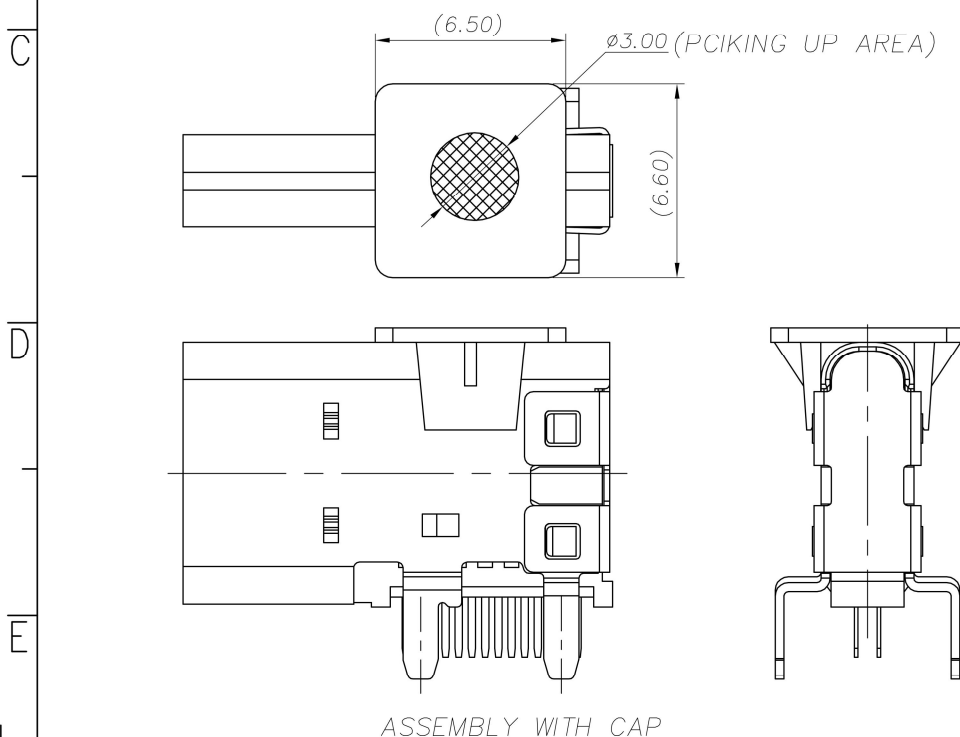


USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B7	Dn2
A6	Dp1		
A7	Dn1	B6	Dp2
A9	VBUS	B5	CC2
		B4	VBUS
A12	GND	B1	GND



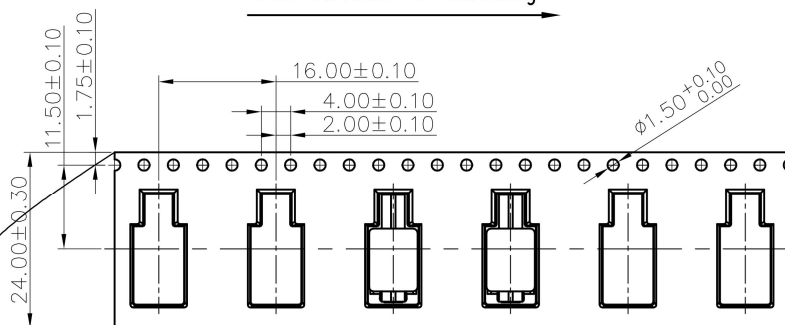
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.6±0.10MM; DEFAULT TOLERANCE: ±0.05



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.X ± 0.30	.XX ± 0.012	SEE NOTES					
.XX ± 0.20	.XXX ± 0.008	FINISH					
.XXX ± 0.10	.XXXX ± 0.004	SEE NOTES					
			PART NUMBER: XB-104323302	TITLE: USB TYPE C 3.1 14PIN 侧插 外壳折弯脚6.0mm			
			APPD: MOON	DWG NO.: C-104323302-00			
			CHKD: --				
			DR: FR				
			QTY	SCALE 1:1	SHEET 2/3	REV. A0	
			SEE NOTES				

RoHS

User Direction of Unreeling

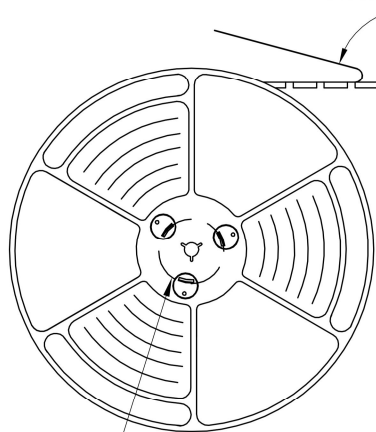


COVER TAPE PEELING ANGLE: 165°~180°

PEELING FORCE: 20~130g

CARRIER TAPE

User Direction of Unreeling



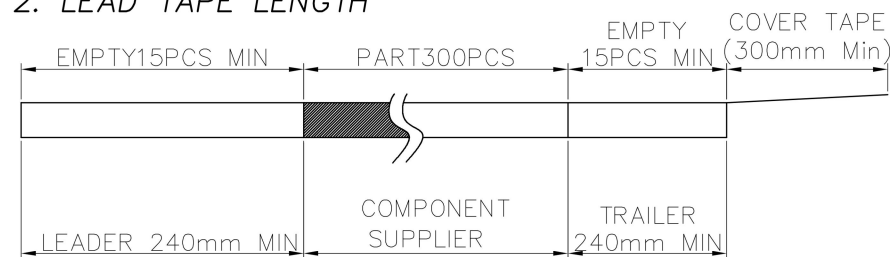
DETAIL B

DETAIL B

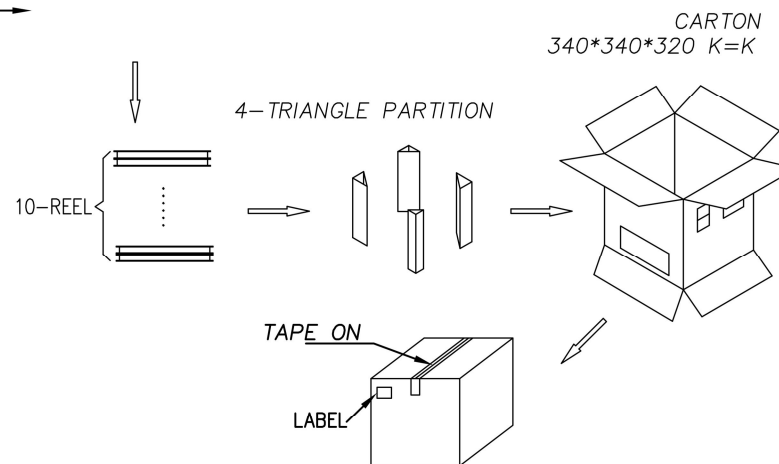
NOTES

1. NUMBER OF CONNECTORS: 300PCS/REEL

2. LEAD TAPE LENGTH



3. QUANTITY: 3000PCS/CARTON



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.XX ± 0.20	.XXX ± 0.008	FINISH	APPD: MOON		DWG NO.:			
.XXX± 0.10	.XXXX± 0.004	SEE NOTES	CHKD: --		C-104323302-00			
		QTY	DR: FR			SCALE	SHEET	REV.
		SEE NOTES				1:1	3/3	A0