

RoHS

REV.	EC#	DESCRIPTION	DATE	DRAWING	CHECKED	APPROVED
A0		NEW RELEASE	07/12'16	HT	/	WZX
B	ECN2009013	Change packing quantity and outer case	09/23'20	FR	/	MOON

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING&PICKUP COVER: LCP,UL94 V-0. COLOUR:BLACK
- 2.CONTACTS: COPPER ALLOY(C7025)
- 3.LATCH: STAINLESS STEEL(SUS301)
- 4.SPRING: STAINLESS STEEL(SUS304)
- 5.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 30u" MIN. UNDER PLATED OVER ALL.
- Au1u" PLATED ON CONTACT AREA.
- 80u" TIN PLATED ON SOLDER AREA

2-2.FRONT SHELL:

- Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.LATCH:

- Ni 30u" MIN. UNDER PLATED OVER ALL.
- 80u" MIN. TIN PLATED ON SOLDER AREA.

2-4.FRONT SHELL:

- CLEAR ONLY

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. 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℃~+85℃

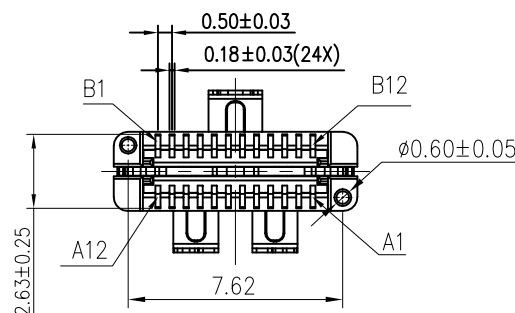
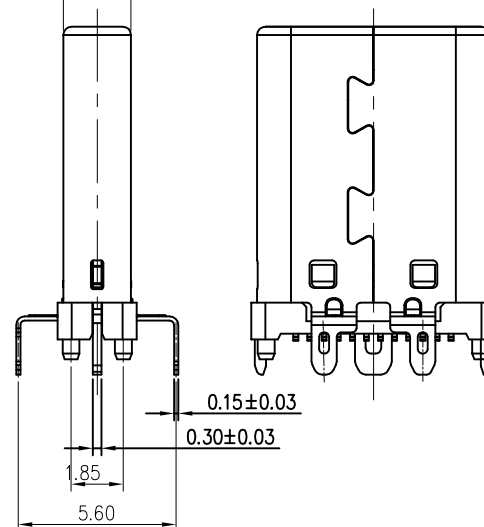
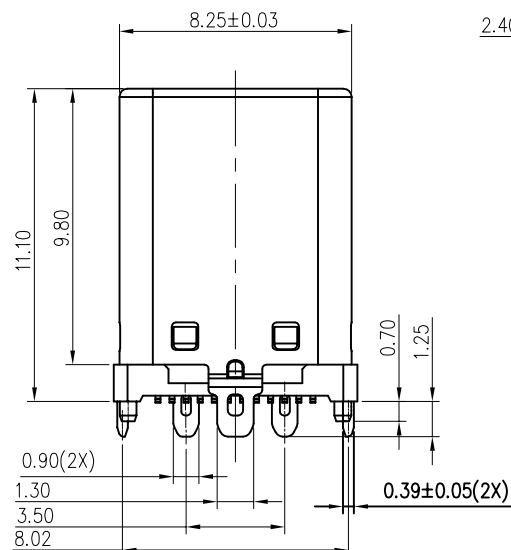
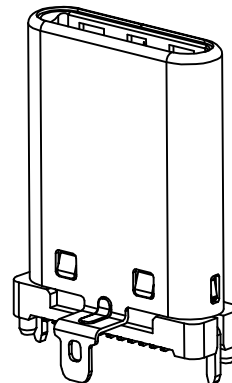
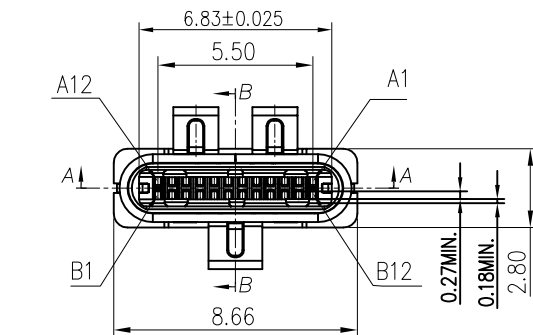
6.IR REFLOW:

- THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PART No.:

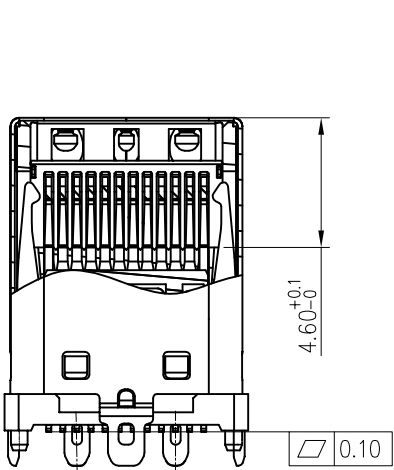
104012782
USB SERIES
PLATING:
01: Au1u"+Matte Tin

PAKING:
2: REEL
SERIAL NO.

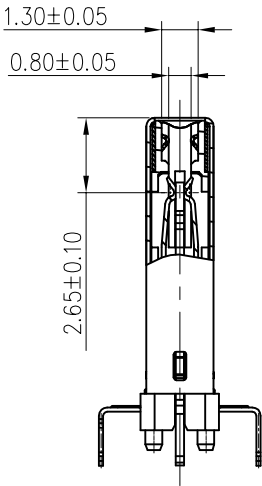


MILLIMETERS	INCH	UNITS MM	 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.					
X° ± 2°	X° ± 2°	MAT'L	PART NUMBER:		TITLE:			
.X ± 0.30	.XX ± 0.012	SEE NOTES	XB-104012782		TYPE CM 24PIN立式SMT 外壳三脚插板			
.XX ± 0.20	.XXX ± 0.008	FINISH	APPD:		DWG NO.:			
.XXX± 0.10	.XXXX± 0.004	SEE NOTES	CHKD:		C-104012782-00			
		QTY	DR:			SCALE	SHEET	REV.
		SEE NOTES				1:1	1/3	B

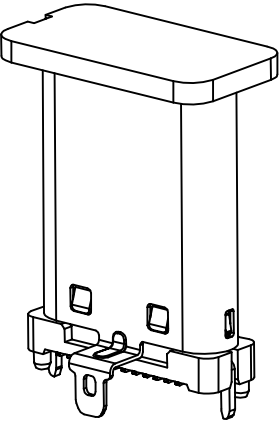
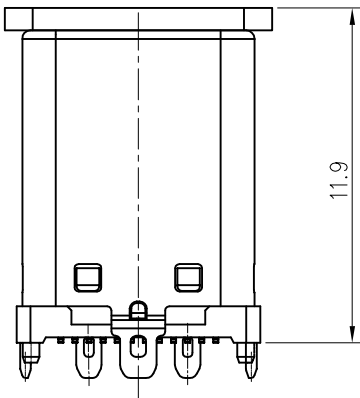
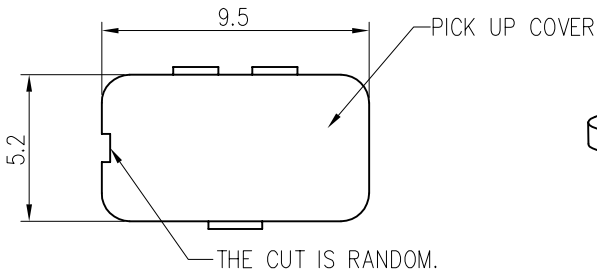
RoHS



SECTION: A-A



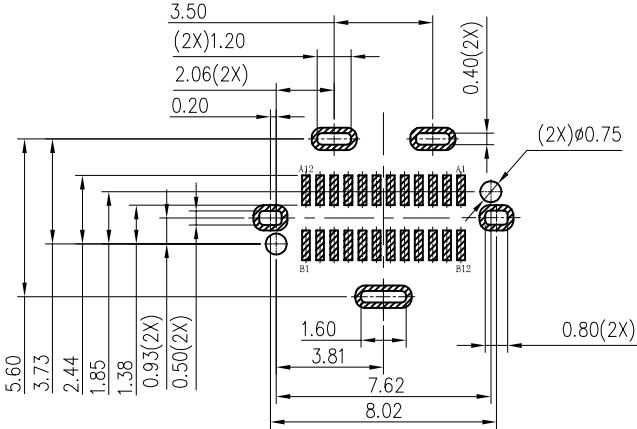
SECTION: B-B



AFTER WITH PICKUP COVER

USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.8±0.10MM;DEFAULT TOLERANCE: ±0.05

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X° ± 2°	X° ± 2°	MAT'L		PART NUMBER:		TITLE:	
.X ± 0.30	.XX ± 0.012	SEE NOTES		XB-104012782		TYPE CM 24PIN立式SMT 外壳三脚插板	
.XX ± 0.20	.XXX ± 0.008	FINISH		APPD:		DWG NO.:	
.XXX ± 0.10	.XXXX ± 0.004	SEE NOTES		CHKD:		C-104012782-00	
		QTY		DR:			
		SEE NOTES					

RoHS

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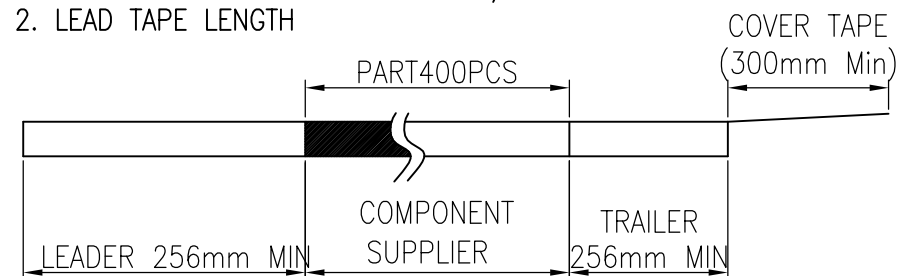
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△ NOTES

1. NUMBER OF CONNECTORS:400PCS/REEL
2. LEAD TAPE LENGTH



3. QUANTITY: 4000PCS/CARTON

11.50±0.10
1.75±0.10
24.00±0.30

User Direction of Unreeling

16.00±0.10
4.00±0.10
2.00±0.10

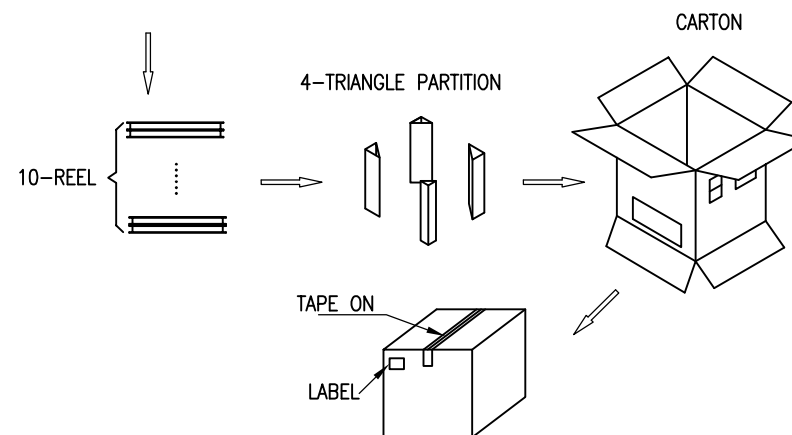
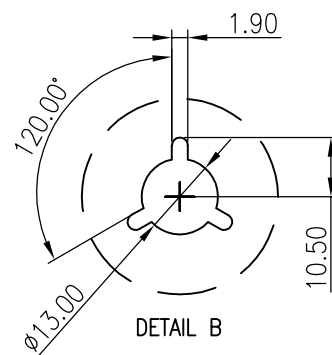
ø1.50+0.10
-0.00

COVER TAPE PEELING ANGLE:165°~180°
PEELING FORCE:20~130g

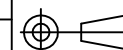
CARRIER TAPE

User Direction of Unreeling

DETAIL B



MILLIMETERS	INCH	UNITS	MM	XGB 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: XB-104012782		TITLE: TYPE CM 24PIN立式SMT 外壳三脚插板	
.X ± 0.30	.XX ± 0.012	SEE NOTES		APPD:		DWG NO.: C-104012782-00	
.XX ± 0.20	.XXX ± 0.008	FINISH		CHKD:			
.XXX ± 0.10	.XXXX ± 0.004	SEE NOTES		DR:			
		QTY					
		SEE NOTES					



SCALE	SHEET	REV.
1:1	3/3	B

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