

RoHS
Compliant

ZONE	E C N . N O .	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生财	2020.02.18

SPECIFICATIONS:

1.ELECTRICAL:

1-1:CURRENT RATING: 3.0A

VOLTAGE RATING:5.0V

1-2. VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX..

SHIELD: 50mΩ/MAX. LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

1-3. INSULATION RESISTANCE: 100MΩ MIN

1-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

2.MECHANICAL PERFORMANCE:

2-1.INSERTION FORCE: 0.5-2.0kgf.

2-2.REMOVAL FORCE: 0.8kgf-2.0kgf.

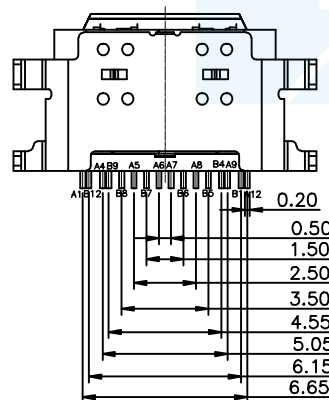
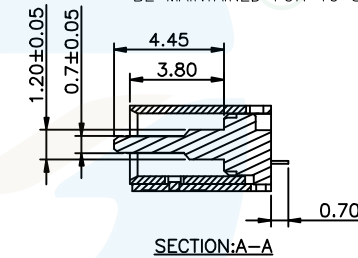
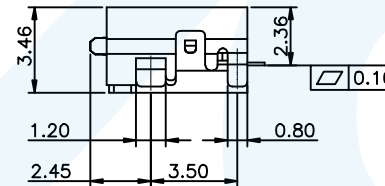
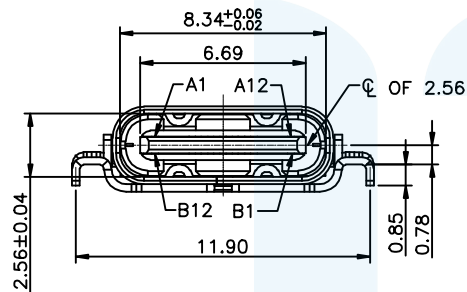
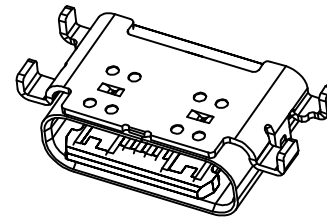
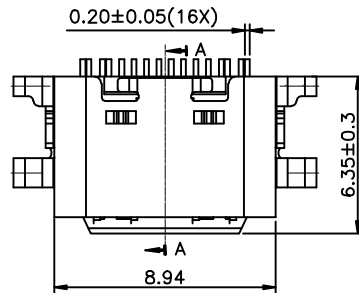
2-3.DURABILITY: 10000 CYCLES.

3. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25℃~+85℃.

4.IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260℃.

3D VIEW



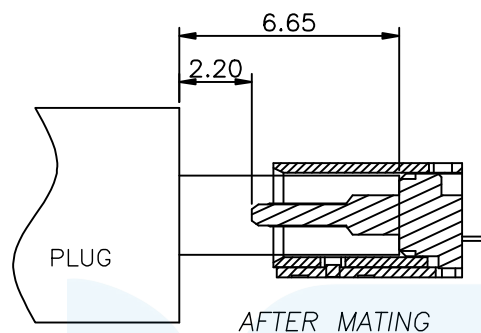
5	COVER	STAINLESS STEEL	NI 30u" MIN. UNDER PLATED OVER ALL	1
4	FRONT SHELL	STAINLESS STEEL	NI 30u" MIN. UNDER PLATED OVER ALL	1
3	MID PLATE	STAINLESS STEEL	CLEAN	1
2	CONTACT	COPPER ALLOY	NI 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N	24
1	HOUSING	LOP 94V-0	COLOR BLACK	1
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

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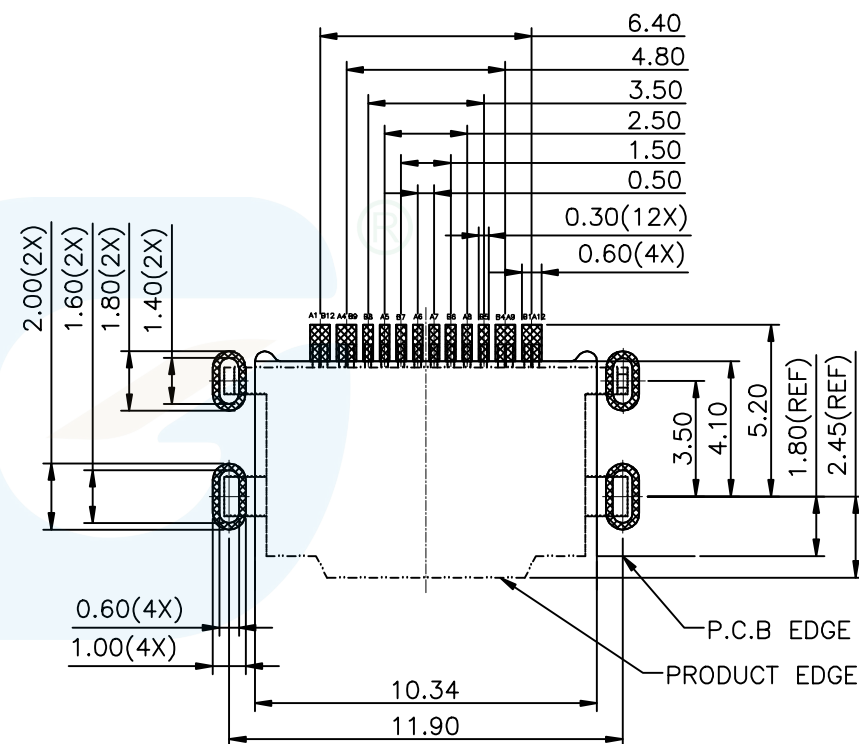
DRAWING:	林生财	DATE:	2020.02.18	SCALE:	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL:	*
APPROVAL:	杨进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48032-16FBAP-A			SHEET	1/2

PART NAME	TYPE C 16 PIN	TOLERANCE UNLESS	0.0±0.3	0.°±2°	UNIT:	
PART NO.	ZB48032-16FBAP-A	OTHERWISE SPECIFIED:	0.00±0.1 0.000±0.05	0.0°±1° 0.00°±0.5°	mm	



USB TYPE-C PIN ASSIGNMENTS

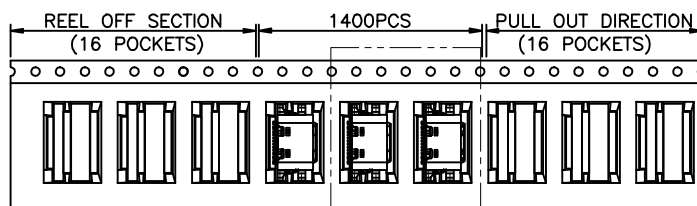
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



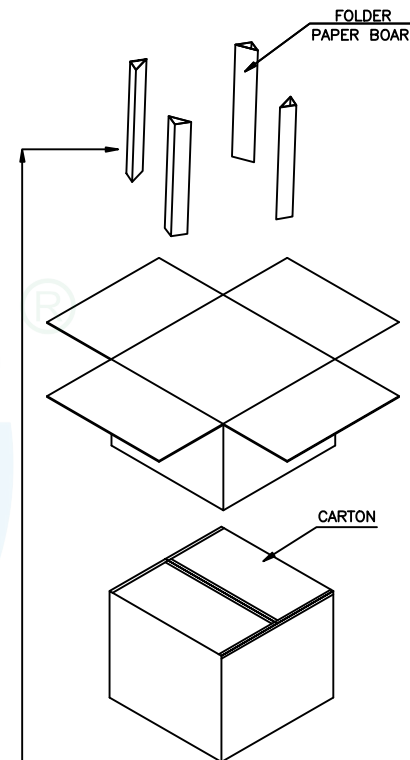
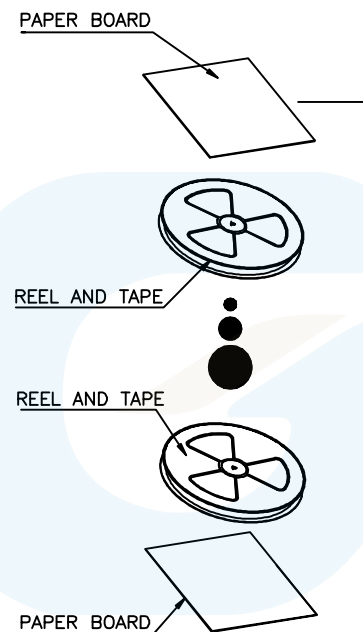
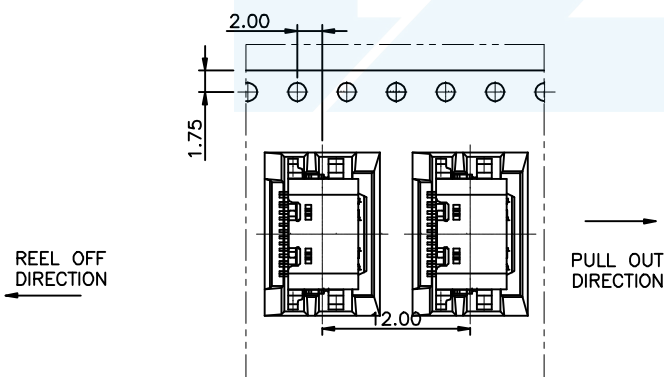
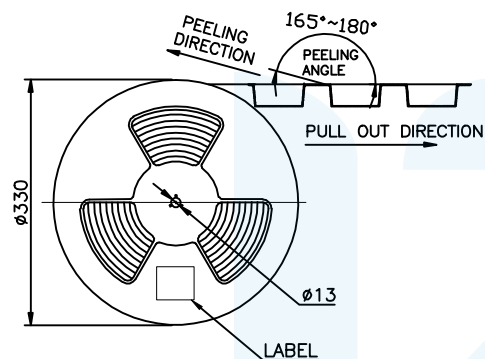
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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ZONE	EC N.O.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生财	2020.02.18



SEE DETAIL X



CONNECTOR (PCS)	REEL	CARTON
	1400	9800

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CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	杨进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48032	PACKING DRAWING	SHEET	1/1	

PART NAME	TYPE C 16 PIN	TOLERANCE UNLESS	0.0±0.3	0.1±2'	UNIT:	mm
PART NO.	ZB48032-16FBAP-A	OTHERWISE SPECIFIED:	0.00±0.1	0.0±1'		
			0.00±0.05	0.00±0.5'		