

RoHS
Compliant

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



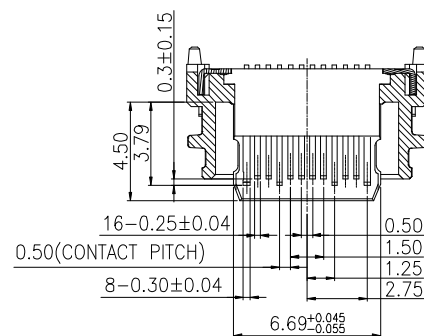
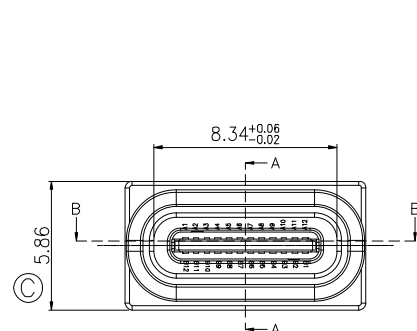
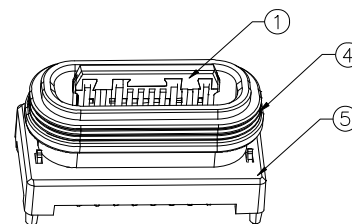
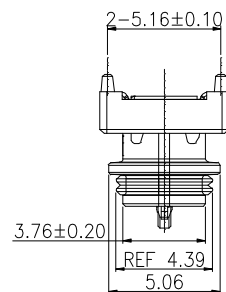
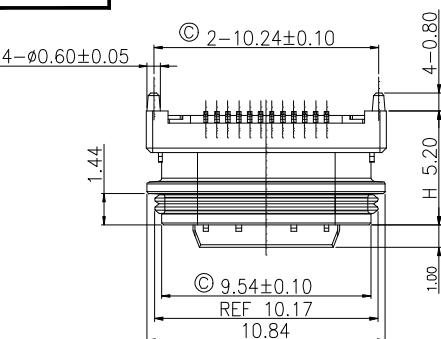
NOTE:

- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT 20mV, 100mA.
 - CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
 - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.
 - INSULATION RESISTANCE 100MΩ Min
 - OPERATING TEMPERATURE: -40°C ~ 85°C
- MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 5~20 N.
 - UNMATED FORCE: 8~20N AFTER TEST
 - DURABILITY: 10,000 CYCLES
- CPK DIMENSIONS : ◎

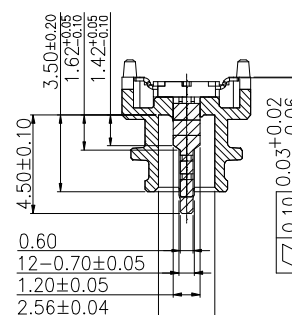
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use (SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

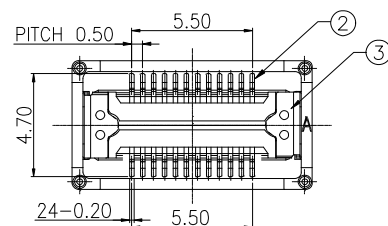
⑤	MIM SHELL	STAINLESS STEEL	50u" Min. NICKEL ALL OVER	1	—
④	O Ring	RUBBER	—	1	—
③	SHELL	STAINLESS STEEL	50u" Min. NICKEL ALL OVER	2	T=0.25
②	CONTACT	COPPER ALLOY	TERMINAL CONTACT: (SEE NOTE) Ni under plating 80u" min all over, Tin plating over soldering area 50u" min.	24	T=0.15
①	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1	UL94V-0
ITEM	DESCRIPTIONS	MATERIAL	FINISH	Q'TY	NOTE



SECTION B-B



SECTION A-A



BOTTOM VIEW

LZG®

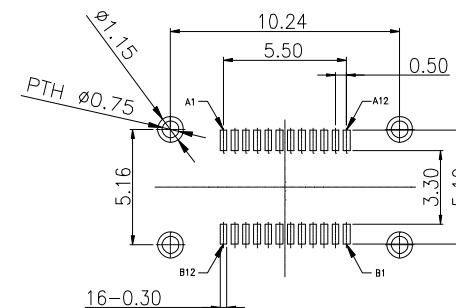
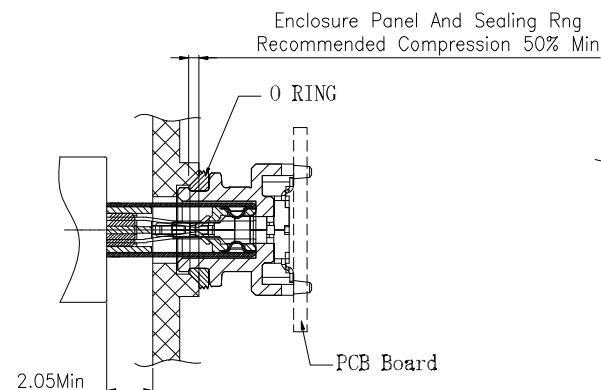
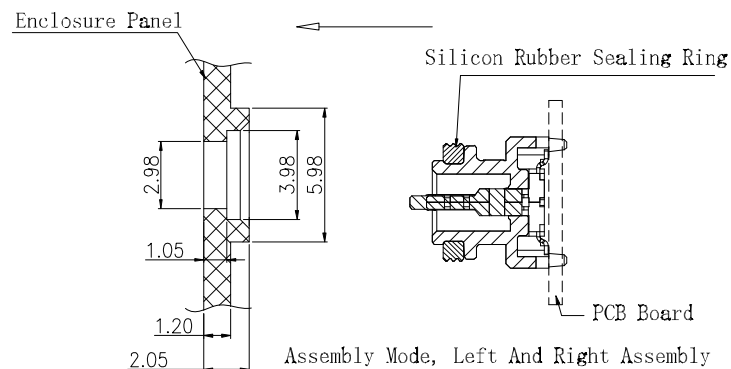
LZG INDUSTRIAL CO. LTD

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.	ZB48085-24SBAP-A			SHEET	1/1

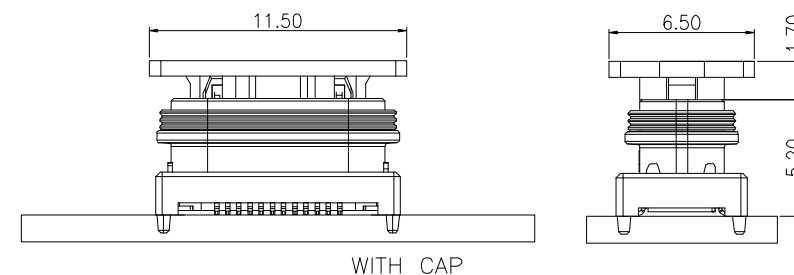
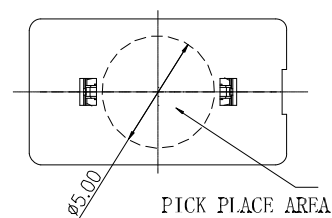
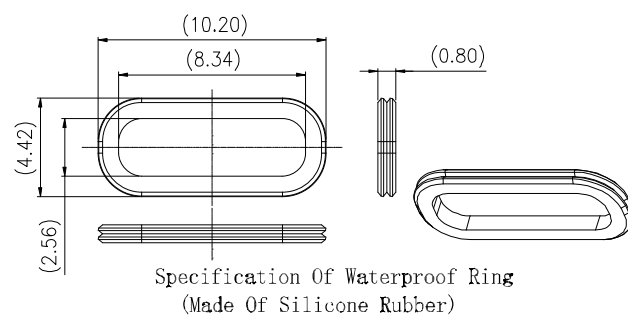
PART NAME	WATERPROOF TYPE C 24 PIN	TOLERANCE UNLESS	0.0±0.3	0.0°±2°	UNIT:	
PART NO.	ZB48085-24SBAP-A	OTHERWISE SPECIFIED:	0.00±0.2	0.0°±1°	mm	
			0.000±0.1	0.00°±0.5°		

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RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)
TOLERANCE FOR PCB LAYOUT IS ± 0.05



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APPROVAL:	杨进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48085-24SBAP-A			SHEET	1/1

PART NAME	WATERPROOF TYPE C 24 PIN	TOLERANCE UNLESS	0.0 $\pm$ 0.3	0° $\pm$ 2°	UNIT:
PART NO.	ZB48085-24SBAP-A	OTHERWISE SPECIFIED:	0.00 $\pm$ 0.2	0.0° $\pm$ 1°	
			0.000 $\pm$ 0.1	0.00° $\pm$ 0.5°	

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38.4
32.4

LABEL

Ø380

400 MIN.

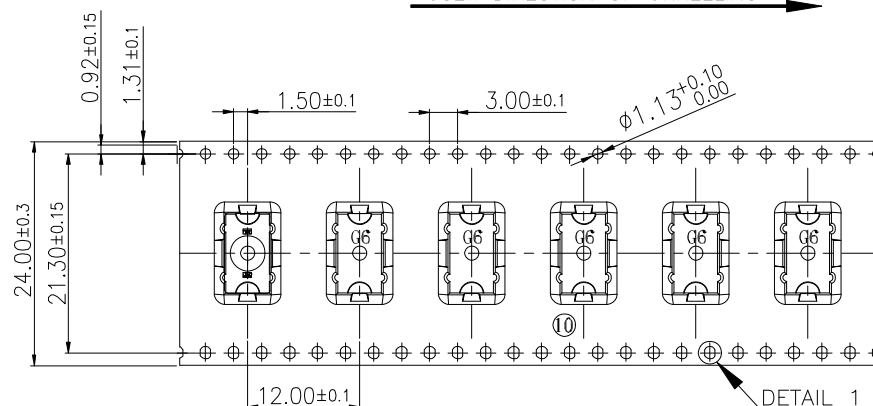
PEELING ANGLE
165° ~ 180°

ABOUT 160 MM LONG
UNLOADED SECTION

PRODUCT LOADING SECTION

ABOUT 160 MM LONG
UNLOADED SECTION

USER DIRECTION OF UNREELING



NOTE:

1.MATERIAL:

BOX: FIBREBOARD, CORRUGATED, DOUBLE WALL.

TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, BLACK COLOR.

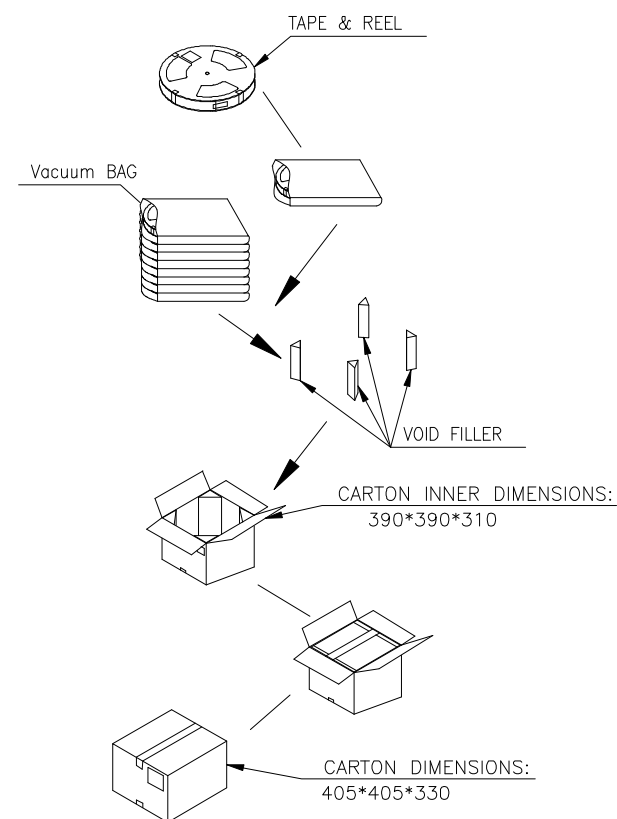
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.

BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.

2.PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)

3.PEELING SPEED: 300 mm/min.

4.EACH BAG SHALL BE INCLUDED DESICCANT.



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DRAWING NO.	ZB48085-24SBAP-A			SHEET	1/1

PART NAME	WATERPROOF TYPE C 24 PIN
PART NO.	ZB48085-24SBAP-A

TOLERANCE UNLESS OTHERWISE SPECIFIED:	0.0±0.3 0.00±0.2 0.000±0.1
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0.°±2° 0.0°±1° 0.00°±0.5°

UNIT: mm

