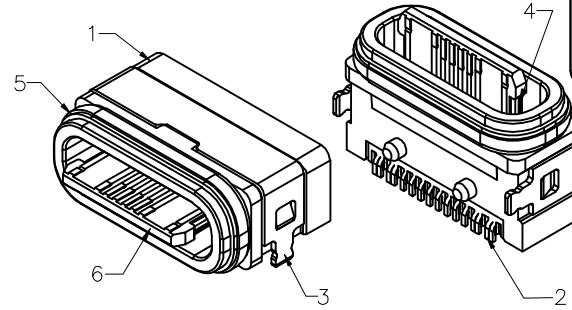
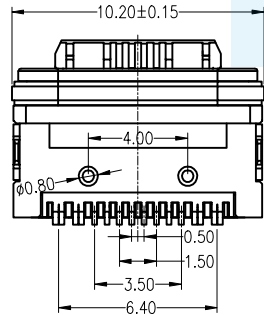
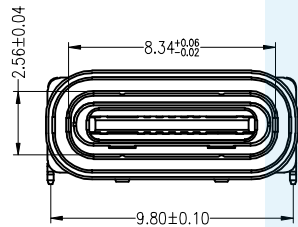
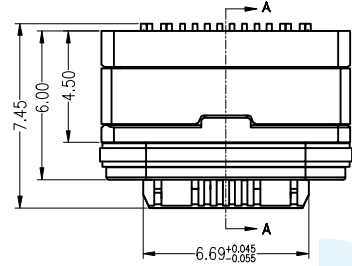
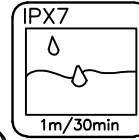
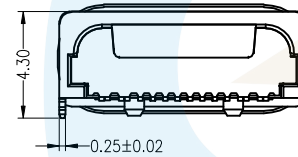
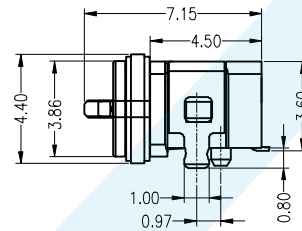


RoHS
Compliant



3D VIEW



C		B		A	
ZONE	ECN.N.O.	DESCRIPTION	DRAWING	DATE	
A		INITIAL	林生財	2020.02.18	

SPECIFICATIONS:

1.ELECTRICAL:

1-1:CURRENT RATING:

VBUS AND GND CONTACTS RATED AT 3A Max
VBUS AND GND CONTACTS RATED AT 0.5A Min
0.9Amps Max.for all other contact.

PARALLELED FOR A TOTAL OF 5A;

1-2:INITIAL CONTACT RESISTANCE:40 MEGOHMS

1-3:DIELECTRIC WITHSTANDING VOLTAGE:100V AC MIN;

2:MECHANICAL CHARACTERISTICS:

2-1:MATING FORCE:5~20N

2-2:UNMATING FORCE:8~20N(INITIAL),

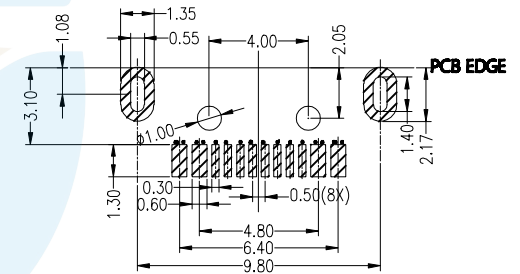
6~20N(AFTER 10000 CYCLES)

2-3:FREQUENCY: 500±50 CYCLES/HOUR,10000 CYCLES

2-4:OPERATING TEMPERATURE;-40°~80°.

2-5:Salt fog Test:48 Hours.

3: WATERPROOF: IP-X7.



RECOMMEND PCB LAYOUT
TOL=±0.05

Type c Pin Assignments

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
PIN	SIGNAL NAME	PIN	SIGNAL NAME

6	HOUSING	HIGH TEMPERATURE PLASTIC 94V-0	COLOR BLACK	1	
5	RUNNING RING	SILICONE	COLOR RED	1	
4	MIDDLE PLATE	STAINLESS STEEL	_____	1	
3	SHELL	STAINLESS STEEL	MATTE TIN PLATING	1	
2	CONTACT	COPPER ALLOY	GOLD PLATING	16	
1	OUT SHELL	HIGH TEMPERATURE PLASTIC 94V-0	COLOR BLACK	1	
E	NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

LZG

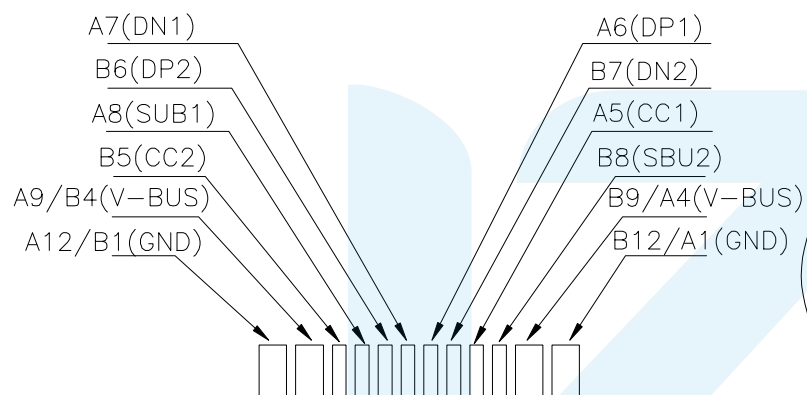
LZG INDUSTRIAL CO. LTD

DRAWING:	林生財	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	楊建堂	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48036-16SBAP-A			SHEET	1/2

PART NAME	WATERPROFF TYPE C 16 PIN	TOLERANCE UNLESS	0.0±0.3	0.1±2°	UNIT:	
PART NO.	ZB48036-16SBAP-A	OTHERWISE SPECIFIED:	0.00±0.1	0.0°±1°	mm	
			0.00±0.05	0.00°±0.5°		

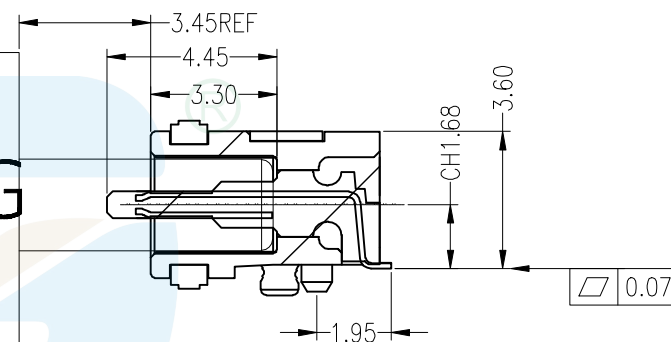
RoHS
Compliant

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



CIRCUIT DIAGRAM

PLUG



SECTION A-A

LZG

LZG INDUSTRIAL CO. LTD

PART NAME	WATERPROFF TYPE C 16 PIN	TOLERANCE UNLESS	0.0±0.3	0.1±2°	UNIT: mm		APPROVAL:	杨建宝	DATE:	2020.02.18	DWG. NO.	
PART NO.	ZB48036-16SBAP-A	OTHERWISE SPECIFIED:	0.00±0.1	0.0°±1°			DRAWING NO.	ZB48036-16SBAP-A			SHEET	2/2
			0.000±0.05	0.00°±0.5°								