

RoHS
Compliant

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C

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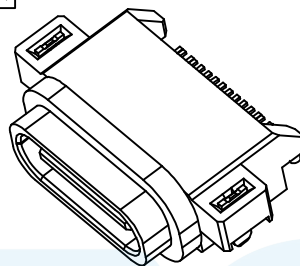
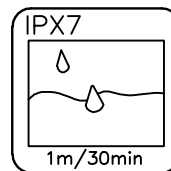
A

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

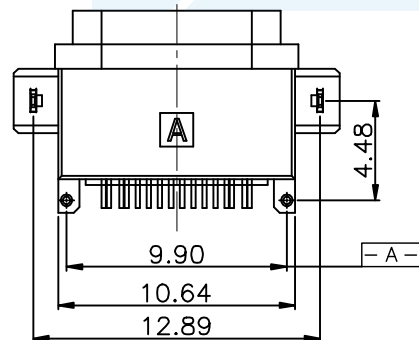
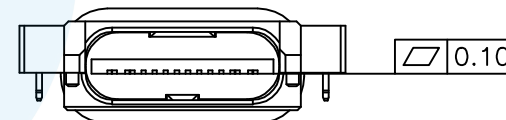
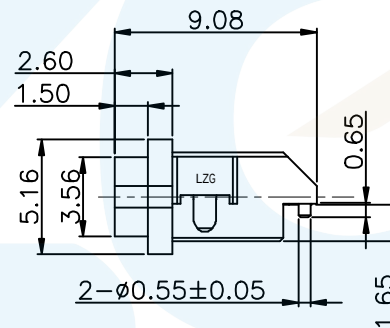
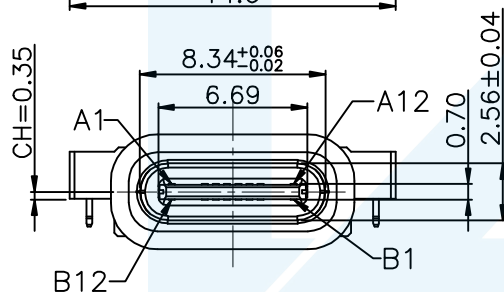
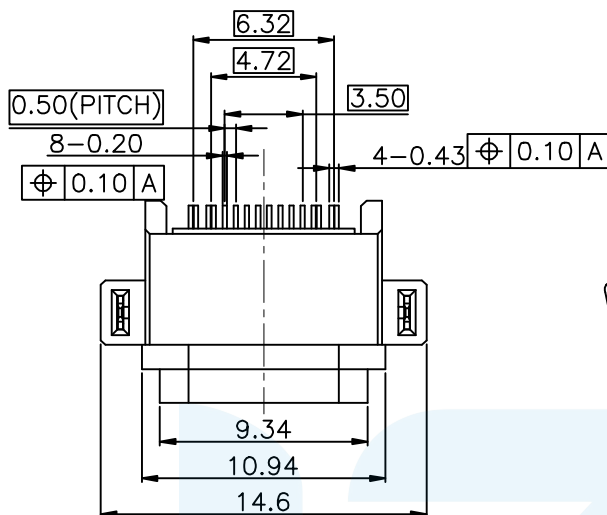
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1.1. RATING: 3A;
- 1.2. CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL);
- 1.3. DIELECTRIC WITHSTANDING: 100V AC MIN.;
- 1.4. INSULATION RESISTANCE: 100MΩ MIN.;
2. DURABILITY: 5,000 CYCLES MIN.;
3. INSERTION FORCE: 5-20N;
4. EXTRACTION FORCE: 8-20N;
5. WATER PROOFNESS: THIS PRODUCT IS BASED ON IPX6.
6. PLUG INTERFACE DIMENSIONS COMFORM TO USB2.0 SPEC.
7. PACKAGING: TAPE & REEL.



3D VIEW



3	SHELL	PA10T	COLOR BLACK	1
2	CONTACT	C7025 TM03	Au/Ni Plating T=0.15mm	16
1	HOUSING	PA10T	COLOR BLACK	1
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

LZG

LZG INDUSTRIAL CO. LTD

PART NAME	WATERPROFF TYPE C 16PIN	TOLERANCE UNLESS 0.0±0.3	0.°±2°	UNIT:	
PART NO.	ZB48004-16FBAP-A	OTHERWISE SPECIFIED: 0.00±0.1	0.0°±1°	mm	
			0.00°±0.5°		

DRAWING:	林生财	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	翁进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB48004-16FBAP-A			SHEET	1/2

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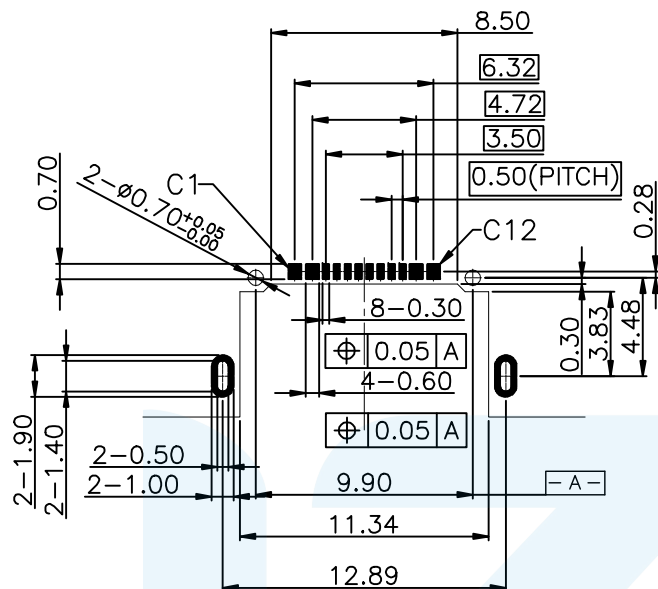
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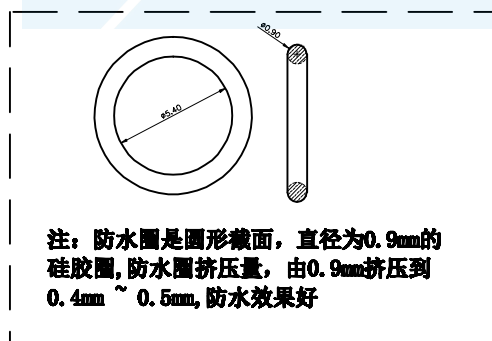
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A		INITIAL	林生财	2020.02.18

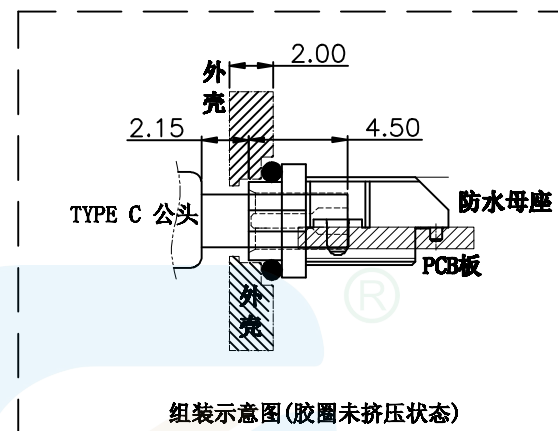


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS T=1.0mm
DEFAULT TOLERANCE+/-0.05



注：防水圈是圆形截面，直径为0.9mm的
硅胶圈，防水圈挤压量，由0.9mm挤压到
0.4mm ~ 0.5mm，防水效果好



INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SINGAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	DP2	SBU1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12

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.	ZB48004-16FBAP-A			SHEET	2/2

PART NAME	WATERPROFF TYPE C 16PIN	TOLERANCE UNLESS	0.0±0.3	0.°±2°	UNIT: mm	
PART NO.	ZB48004-16FBAP-A	OTHERWISE SPECIFIED:	0.00±0.1	0.0°±1°		
			0.000±0.05	0.00°±0.5°		