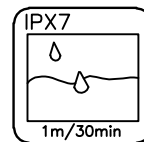


RoHS  
Compliant



| 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),

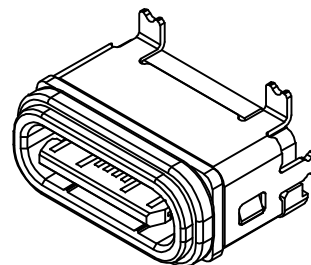
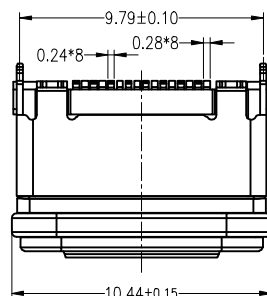
6~20N(AFTER 10000 CYCLES)

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

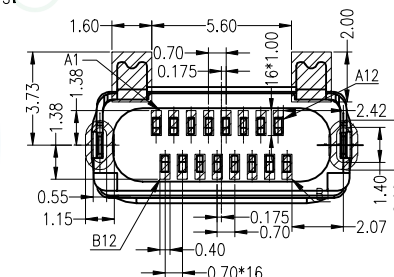
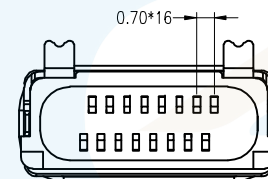
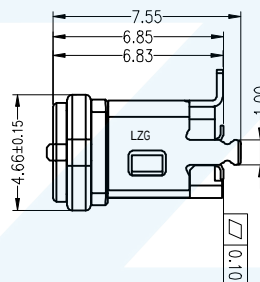
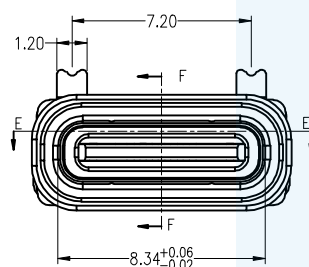
##### 2-4:OPERATING TEMPERATURE;-40°~80°.

##### 2-5:Salt fog Test:48 Hours.

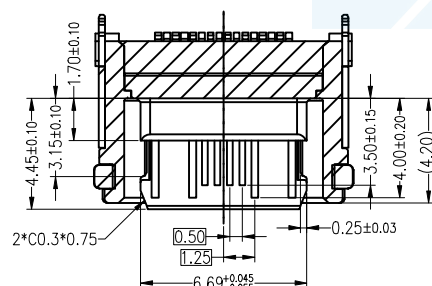
##### 3: WATERPROOF: IP-X7.



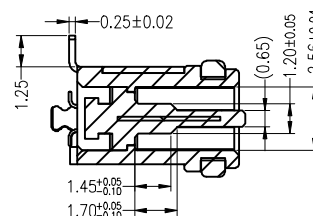
3D VIEW



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm PCB T=1.0MM



E-E



F-F

#### 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   | RUNNING RING | SILICONE               | COLOR RED         | 1   |
|-----|--------------|------------------------|-------------------|-----|
| 5   | MIDDLE PLATE | STAINLESS STEEL T=0.15 | -----             | 1   |
| 4   | SHELL        | STAINLESS STEEL T=0.25 | MATTE TIN PLATING | 1   |
| 3   | CONTACT      | COPPER ALLOY T=0.12    | GOLD PLATING      | 16  |
| 2   | OUT SHELL    | PA46 94V-0             | COLOR BLACK       | 1   |
| 1   | HOUSING      | PA9T 94V-0             | COLOR BLACK       | 1   |
| NO. | DESCRIPTION  | MATERIAL               | REMARKS           | QTY |



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:   | 蔡建宝              | DATE: | 2020.02.18 | DWG. NO. |     |
| DRAWING NO. | ZB48034-16FBAP-A |       |            | SHEET    | 1/2 |

|           |                          |                      |            |            |
|-----------|--------------------------|----------------------|------------|------------|
| PART NAME | WATERPROFF TYPE C 16 PIN | TOLERANCE UNLESS     | 0.0±0.3    | 0.1'±2'    |
| PART NO.  | ZB48034-16FBAP-A         | OTHERWISE SPECIFIED: | 0.00±0.1   | 0.0'±1'    |
|           |                          |                      | 0.000±0.05 | 0.00'±0.5' |

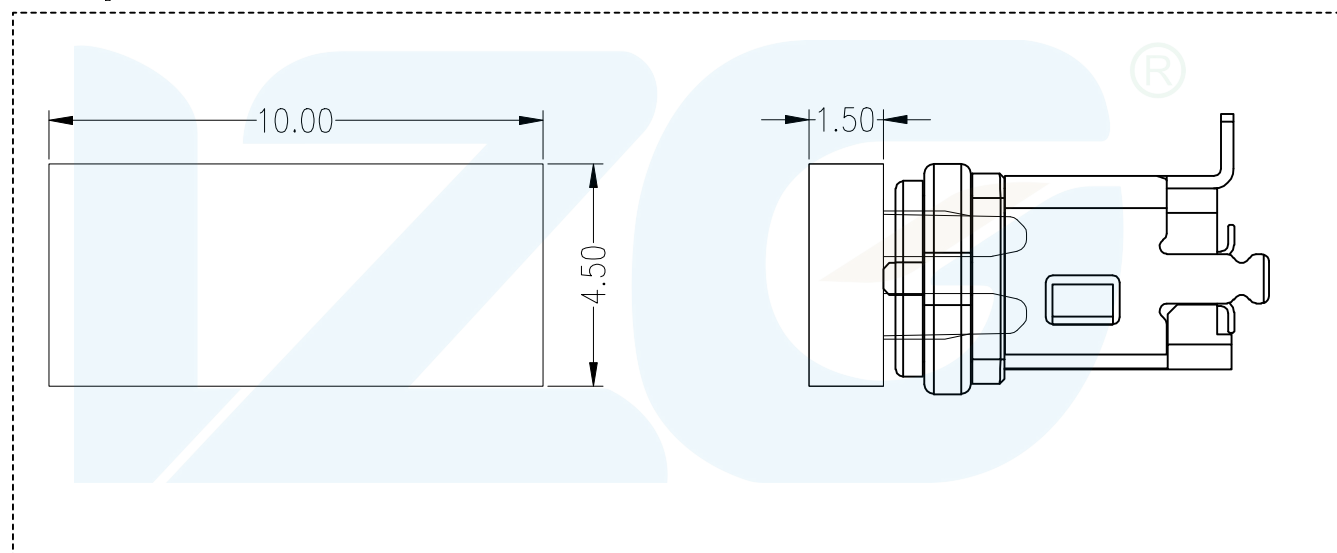
UNIT:  
mm



RoHS  
Compliant

| ZONE | ECN.N.O. | DESCRIPTION | DRAWING | DATE       |
|------|----------|-------------|---------|------------|
| A    |          | INITIAL     | 林生財     | 2020.02.18 |

## Cap dimensions



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|           |                          |                      |            |            |       |             |                  |       |            |          |     |
|-----------|--------------------------|----------------------|------------|------------|-------|-------------|------------------|-------|------------|----------|-----|
| PART NAME | WATERPROFF TYPE C 16 PIN | TOLERANCE UNLESS     | 0.0±0.3    | 0.°±2'     | UNIT: | DRAWING:    | 林生財              | DATE: | 2020.02.18 | SCALE    | 1:1 |
| PART NO.  | ZB48034-16FBAP-A         | OTHERWISE SPECIFIED: | 0.00±0.1   | 0.0°±1'    | mm    | CHECK:      | 李宏鑫              | DATE: | 2020.02.18 | MATERIAL | *   |
|           |                          |                      | 0.000±0.05 | 0.00°±0.5' |       | APPROVAL:   | 楊建宝              | DATE: | 2020.02.18 | DWG. NO. |     |
|           |                          |                      |            |            |       | DRAWING NO. | ZB48034-16FBAP-A |       |            | SHEET    | 2/2 |