

## SPECIFICATION

## 1.General Characteristics:

1.0mm FPC XFP SMT 90° Non-ZIF  
Dual Contact

## 2.Material&amp;Finish

Contact:Phosphor Bronze  
Tin Plated Over Nickel

Insulator:LCP(UL94V-0),Black

## 3.Electrical Characteristics:

Current Rating:0.5 Amp Max.  
Withstanding Voltage:500V AC RMS  
Operating Voltage:50V AC Max.  
Contact Resistance:30 Milliohms Max.  
Insulation Resistance:500 Megaohms Min.

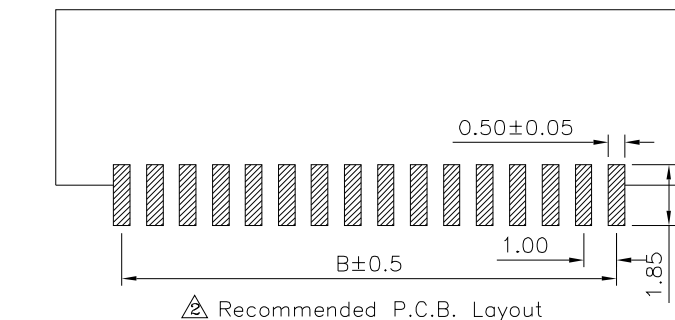
## 4.Environmental Characteristics:

Operating Temperature:-25°C~+85°C

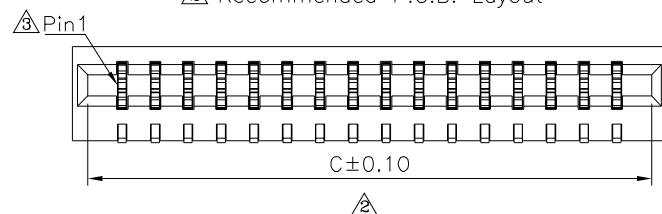
## 5.Mechanical Characteristics:

Durability:60 Milliohms Max.  
After 20 Insertions And Withdraw

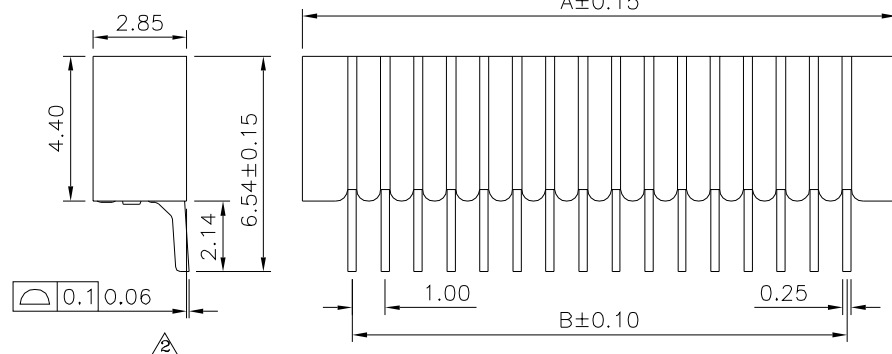
## 6.RoHS Compliant



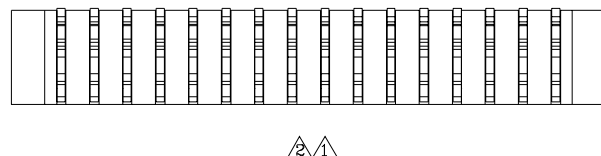
Recommended P.C.B. Layout



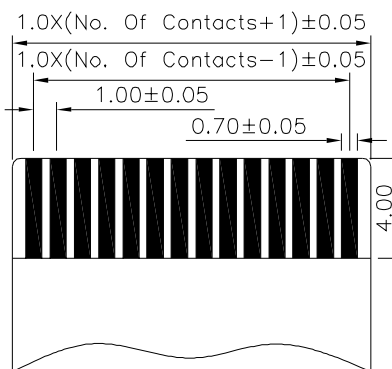
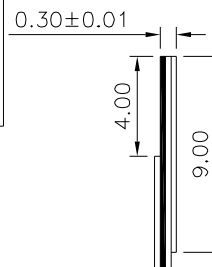
A



A

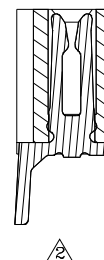


A

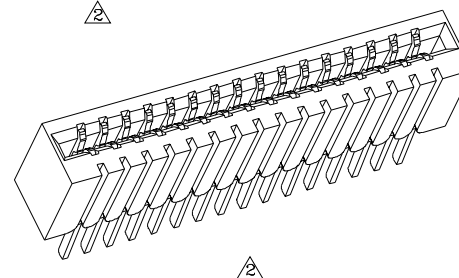


Applicable FPC/FFC  
FFC/FPC Thickness:0.25~0.35mm

A



A



A

A

| Pin | A     | B     | C     | Pin | A     | B     | C     |
|-----|-------|-------|-------|-----|-------|-------|-------|
| *4  | 6.00  | 3.00  | 5.10  | *20 | 22.00 | 19.00 | 21.10 |
| *5  | 7.00  | 4.00  | 6.10  | 21  | 23.00 | 20.00 | 22.10 |
| *6  | 8.00  | 5.00  | 7.10  | *22 | 24.00 | 21.00 | 23.10 |
| *7  | 9.00  | 6.00  | 8.10  | 23  | 25.00 | 22.00 | 24.10 |
| *8  | 10.00 | 7.00  | 9.10  | 24  | 26.00 | 23.00 | 25.10 |
| *9  | 11.00 | 8.00  | 10.10 | 25  | 27.00 | 24.00 | 26.10 |
| *10 | 12.00 | 9.00  | 11.10 | 26  | 28.00 | 25.00 | 27.10 |
| 11  | 13.00 | 10.00 | 12.10 | 27  | 29.00 | 26.00 | 28.10 |
| *12 | 14.00 | 11.00 | 13.10 | 28  | 30.00 | 27.00 | 29.10 |
| *13 | 15.00 | 12.00 | 14.10 | 29  | 31.00 | 28.00 | 30.10 |
| *14 | 16.00 | 13.00 | 15.10 | *30 | 32.00 | 29.00 | 31.10 |
| *15 | 17.00 | 14.00 | 16.10 | 31  | 33.00 | 30.00 | 32.10 |
| *16 | 18.00 | 15.00 | 17.10 | *32 | 34.00 | 31.00 | 33.10 |
| 17  | 19.00 | 16.00 | 18.10 | 33  | 35.00 | 32.00 | 34.10 |
| *18 | 20.00 | 17.00 | 19.10 | *34 | 36.00 | 33.00 | 35.10 |
| 19  | 21.00 | 18.00 | 20.10 | 35  | 37.00 | 34.00 | 36.10 |

The Mark Of "\*" Are Toolled Already

**4UCON** 元化興業股份有限公司  
4UCON TECHNOLOGY INC.

DRAWING No. 1

12994

SCALE

NONE

APPROVED BY

MEI

CHECKED BY

HZF

DRAWING BY

CYP

REV.

A3

UNLESS OTHERWISE  
SPECIFIED  
TOLERANCES ARE

X. ±0.3 X.\* ±5\*  
.X ±0.25 .X.\* ±2\*  
.XX ±0.20 .XX.\* ±1\*  
.XXX ±0.10 .XXX.\* ±0.5\*

UNIT

mm



|    |     |             |     |            |
|----|-----|-------------|-----|------------|
|    |     |             |     |            |
| 3  | A3  | Modify Data | HZF | 09/18/2018 |
| 2  | A2  | Modify Data | HZF | 08/22/2018 |
| 1  | A1  | Modify Data | HZF | 06/13/2012 |
| 0  | A0  | NEW RELEASE | HZF | 08/26/2008 |
| NO | REV | REVISIONS   | CHK | DATE       |