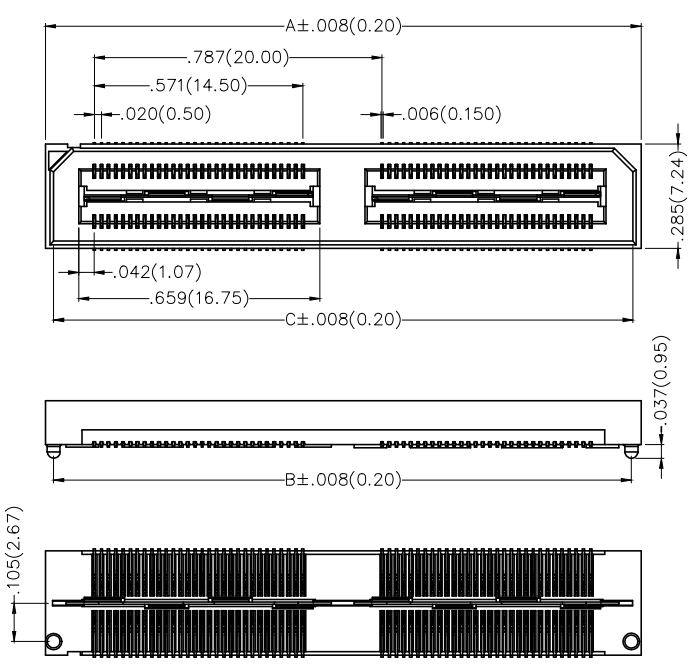


### SPECIFICATIONS

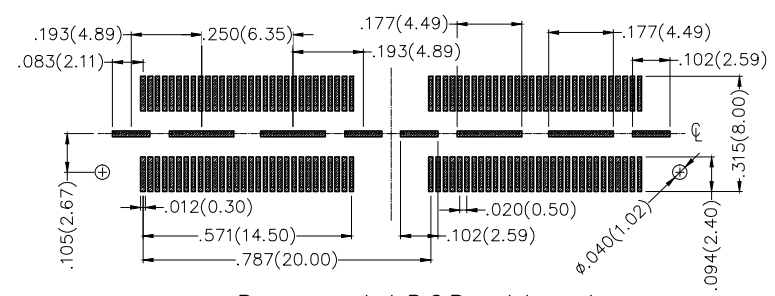
#### Electrical

Current Rating: 0.5A AC(rms)/DC  
Voltage Rating: 50V AC(rms)/DC  
Contact Resistance: 50 mΩ Max.  
Insulation Resistance: 100 MΩ Min.  
Withstanding Voltage: 200V AC r.m.s  
Temperature Range-Operating: -35°C~+85°C

#### Material and Plating

Housing: LCP (UL 94V-0) Black  
Contacts: Phosphor Bronze/ Selective gold in contact area, matte tin on tail

| Circuits<br>(n) | Part No.              | Dimensions(in/mm) |              |              |
|-----------------|-----------------------|-------------------|--------------|--------------|
|                 |                       | A                 | B            | C            |
| 60              | FBB05007-F60S3XX3K6M  | .842(21.38)       | .793(20.13)  | .794(20.18)  |
| 120             | FBB05007-F120S3XX3K6M | 1.629(41.38)      | 1.580(40.13) | 1.582(40.18) |



Recommended P.C.Board Layout  
General Tolerances: ±.002(0.05)



### Ordering Information

FBB 050 07 — F XX S 3 XX 3 K6 M  
1 2 3 4 5 6 7 8 9 10 11

|                                                            |                                                                      |                           |                            |                        |                                  |
|------------------------------------------------------------|----------------------------------------------------------------------|---------------------------|----------------------------|------------------------|----------------------------------|
| 1 Category<br>FBB-Board to Board                           | 2 Series Number<br>050-Pitch 0.50mm                                  | 3 Distinction No.<br>07   | 4 Type<br>F-Female         | 5 Circuits<br>XX       | 6 Entry Angle<br>S-180° Vertical |
| 7 Plating<br>3-Selective gold in contact area, tin on tail | 8 Thickness of Plating<br>03-3μ"<br>05-5μ"<br>Custom plate available | 9 Material-Resin<br>3-LCP | 10 Color-Resin<br>K6-Black | 11 Packaging<br>M-Reel |                                  |

|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                                          |                      |                                                                                                    |       |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|-------|---------------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>21/DEC/18 | PART NO.<br>FBB05007-FXXS3XX3K6M                                                                                                                                         | ITEM NO.<br>FBB05007 | <br>3K-KAMING |       |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.±.012(0.30)                            | X'±5"      | CHECKED BY          | DATE              | TITLE<br>Board to Board<br>Pitch 0.5mm 180° Vertical (SMT)                                                                                                               |                      |                                                                                                    | REV 0 | SHEET NO. 1/1 |
|                                                                                                                   |            | X.X±.008(0.20)                           | X'±2"      | CHERRY              | 21/DEC/18         |                                                                                                                                                                          |                      |                                                                                                    |       |               |
|                                                                                                                   |            | X.XX±.006(0.15)                          | .XX'±1"    | DRAWN BY            | DATE              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING)<br>ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                                                                                                    |       |               |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XXX±.004(0.10)                         | .XXX'±0.5" | KATE                | 21/DEC/18         |                                                                                                                                                                          |                      |                                                                                                    |       |               |