

| REV | LOCATIONS | DESCRIPTION    | DATE      | REVISER | APPD   |
|-----|-----------|----------------|-----------|---------|--------|
| 1   | △         | Add dimensions | 28/APR/20 | KATE    | CHERRY |

#### Electrical

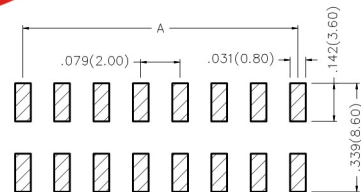
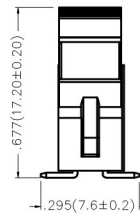
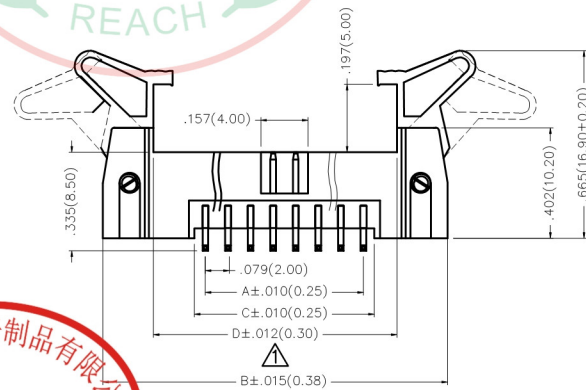
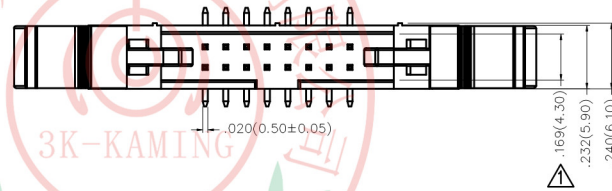
Current Rating: 2.0A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 20 mΩ Max  
Insulation Resistance: 1000 MΩ Min  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -40°C~+105°C

#### Material and Plating

Housing: Glass Filled Polyester (UL 94V-0)

Pin: Brass

Pin plating: Gold plated/ Selective gold plated on contact area  
and 120μ" Min. matte tin plated on tails are



Recommended P.C.Board Layout

#### Ordering Information

FBH 200 06 — D XX S X XX 4 K6 X  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                                                              |   |                                                                           |   |                          |    |                            |    |                               |   |                                |
|---|--------------------------------------------------------------------------------------------------------------|---|---------------------------------------------------------------------------|---|--------------------------|----|----------------------------|----|-------------------------------|---|--------------------------------|
| 1 | Category<br>FBH—Box Header                                                                                   | 2 | Series Number<br>200—Pitch 2.00mm                                         | 3 | Distinction No.<br>06    | 4  | Row Option<br>D—Double Row | 5  | Circuits<br>XX                | 6 | Entry Angle<br>S—180° Vertical |
| 7 | Plating<br>1—Gold plated<br>7—Selective gold plated on<br>contact area and matte<br>tin plated on tails area | 8 | Thickness of Plating<br>00—Gold Flash<br>03—3μ"<br>Custom plate available | 9 | Material—Resin<br>4—PA6T | 10 | Color—Resin<br>K6—Black    | 11 | Packaging<br>M—Reel<br>L—Tube |   |                                |

|                                                                                                                   |            |                                          |            |                      |                   |                                                                                                                                                                          |                      |                                                                                                    |       |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|----------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|-------|---------------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK  | DATE<br>29/AUG/13 | PART NO.<br>FBH20006-DXXSXXX4K6X                                                                                                                                         | ITEM NO.<br>FBH20006 | <br>3K-KAMING |       |               |
|                                                                                                                   |            | X.±.012(0.30)                            | X.±5'      | CHECKED BY<br>CHERRY | DATE<br>29/AUG/13 | TITLE<br>Wire to Board(Box Header)<br>Pitch 2.00mm Vertical 180°(SMT)                                                                                                    |                      |                                                                                                    |       |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.X±.008(0.20)                           | X.±2'      | DRAWN BY<br>JACOB    | DATE<br>29/AUG/13 | 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 |                      |                                                                                                    | REV 1 | SHEET NO. 1/2 |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XX±.006(0.15)                          | .XX'±1'    |                      |                   |                                                                                                                                                                          |                      |                                                                                                    |       |               |
|                                                                                                                   |            | X.XXX±.004(0.10)                         | .XXX'±0.5' |                      |                   |                                                                                                                                                                          |                      |                                                                                                    |       |               |