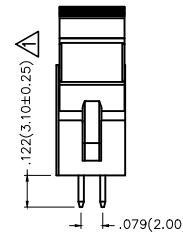
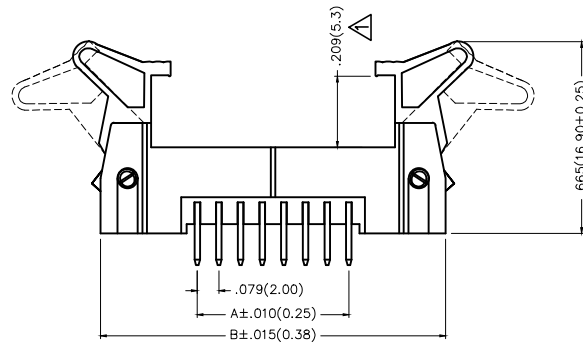
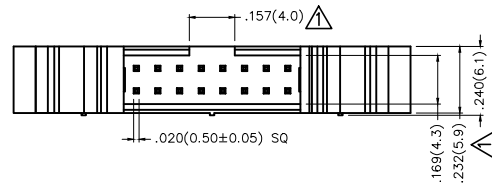


| REV | LOCATIONS | DESCRIPTION  | DATE      | REVISER | APPD   |
|-----|-----------|--------------|-----------|---------|--------|
| 1   |           | Size changes | 21/JUN/21 | KATE    | CHERRY |



#### 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

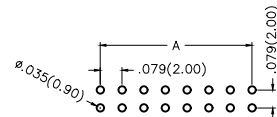
#### Material and Plating

Housing: Polyester (UL94V-0)  
Contact Pin: Brass  
Plating: Gold Plated/Selective gold in contact area, tin on tail

#### Ordering Information

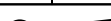
FBH 200 04 — D XX S X XX 4 K6 K  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                           |   |                                                                           |   |                          |    |                            |    |                     |   |                                |
|---|---------------------------------------------------------------------------|---|---------------------------------------------------------------------------|---|--------------------------|----|----------------------------|----|---------------------|---|--------------------------------|
| 1 | Category<br>FBH—Box Header                                                | 2 | Series Number<br>200—Pitch 2.00mm                                         | 3 | Distinction No.<br>04    | 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>3—Selective gold in contact area, tin on tail | 8 | Thickness of Plating<br>00—Gold Flash<br>05—5μ"<br>Custom plate available | 9 | Material—Resin<br>4—PA9T | 10 | Color—Resin<br>K6—Black    | 11 | Packaging<br>K—Tray |   |                                |



Recommended P.C.Board Layout

| Circuits<br>(n) | Part No.             | Dimensions(in./mm) |              | Circuits<br>(n) | Part No.             | Dimensions(in./mm) |              |
|-----------------|----------------------|--------------------|--------------|-----------------|----------------------|--------------------|--------------|
|                 |                      | A                  | B            |                 |                      | A                  | B            |
| 10              | FBH20004-D10SXXX4K6K | .315(8.00)         | .673(26.00)  | 30              | FBH20004-D30SXXX4K6K | 1.102(28.00)       | 1.811(46.00) |
| 14              | FBH20004-D14SXXX4K6K | .472(12.00)        | 1.181(30.00) | 34              | FBH20004-D34SXXX4K6K | 1.260(32.00)       | 1.969(50.00) |
| 16              | FBH20004-D16SXXX4K6K | .551(14.00)        | 1.260(32.00) | 40              | FBH20004-D40SXXX4K6K | 1.496(38.00)       | 2.205(56.00) |
| 20              | FBH20004-D20SXXX4K6K | .709(18.00)        | 1.417(36.00) | 44              | FBH20004-D44SXXX4K6K | 1.654(42.00)       | 2.362(60.00) |
| 24              | FBH20004-D24SXXX4K6K | .866(22.00)        | 1.575(40.00) | 50              | FBH20004-D50SXXX4K6K | 1.890(48.00)       | 2.598(66.00) |
| 26              | FBH20004-D26SXXX4K6K | .944(24.00)        | 1.653(42.00) | 60              | FBH20004-D60SXXX4K6K | 2.283(58.00)       | 2.992(76.00) |

|                                                                                                                   |            |                                          |            |                      |                   |                                                                                                                                                    |                      |                                                                                                             |  |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|----------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------|--|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK  | DATE<br>29/AUG/13 | PART NO.<br>FBH20004-DXXSXXX4K6K                                                                                                                   | ITEM NO.<br>FBH20004 | <br>Leader Of Industry |  |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | 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°(DIP)                                                                              | REV 1                |                                                                                                             |  |
|                                                                                                                   |            | X.X±.008(0.20)                           | .X'±2°     | DRAWN BY<br>JACOB    | DATE<br>29/AUG/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                                                                                                             |  |
|                                                                                                                   |            | X.XX±.006(0.15)                          | .XX'±1°    |                      |                   |                                                                                                                                                    |                      |                                                                                                             |  |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XXX±.004(0.10)                         | .XXX'±0.5° |                      |                   |                                                                                                                                                    |                      |                                                                                                             |  |