

| REV | LOCATIONS | DESCRIPTION  | DATE      | REVISER | APPD   |
|-----|-----------|--------------|-----------|---------|--------|
| 1   | △         | Size changes | 17/JUN/20 | KATE    | CHERRY |

Electrical  
Temperature Range—Operating: -25°C~+85°C  
Material  
Housing: PA66( UL 94V-0)  
Applicable Terminal: FT30001  
Mates With: FHG30004 Series

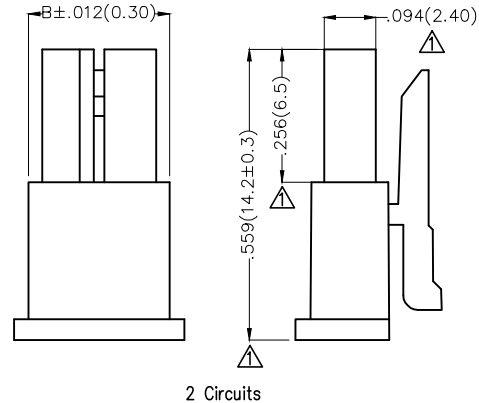
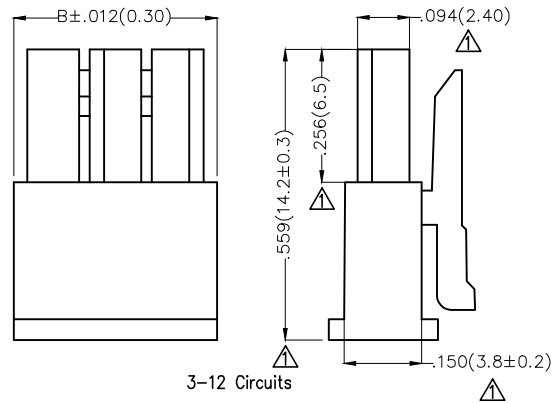
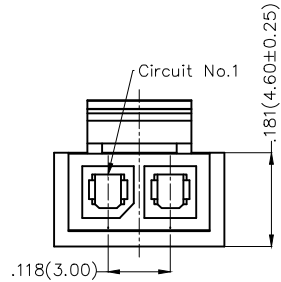
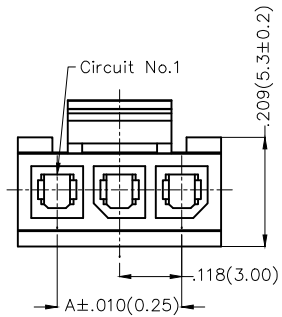
| Circuits<br>(n) | Part No.          | Dimensions(in/mm) |              |
|-----------------|-------------------|-------------------|--------------|
|                 |                   | A                 | B △          |
| 2               | FHG30002-S02M2K6B | .118(3.00)        | .276(7.00)   |
| 3               | FHG30002-S03M2K6B | .236(6.00)        | .394(10.00)  |
| 4               | FHG30002-S04M2K6B | .354(9.00)        | .512(13.00)  |
| 5               | FHG30002-S05M2K6B | .472(12.00)       | .630(16.00)  |
| 6               | FHG30002-S06M2K6B | .591(15.00)       | .748(19.00)  |
| 7               | FHG30002-S07M2K6B | .709(18.00)       | .866(22.00)  |
| 8               | FHG30002-S08M2K6B | .827(21.00)       | .984(25.00)  |
| 9               | FHG30002-S09M2K6B | .945(24.00)       | 1.102(28.00) |
| 10              | FHG30002-S10M2K6B | 1.063(27.00)      | 1.220(31.00) |
| 11              | FHG30002-S11M2K6B | 1.181(30.00)      | 1.339(34.00) |
| 12              | FHG30002-S12M2K6B | 1.299(33.00)      | 1.457(37.00) |

## Ordering Information

FHG 300 02 — S XX M 2 K6 B  
1 2 3 4 5 6 7 8 9

|   |                         |   |                                  |   |                         |   |                            |   |                |
|---|-------------------------|---|----------------------------------|---|-------------------------|---|----------------------------|---|----------------|
| 1 | Category<br>FHG—Housing | 2 | Series Number<br>300—Pitch3.00mm | 3 | Distinction No.<br>02   | 4 | Row Option<br>S—Single Row | 5 | Circuits<br>XX |
| 6 | Entry Type<br>M—Male    | 7 | Material—Resin<br>2—PA66         | 8 | Color—Resin<br>K6—Black | 9 | Packaging<br>B—PE Bag      |   |                |

|                                                                                                                   |            |                                          |           |                     |                   |                                                                                                                                                    |                      |                                                                                                             |  |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|-----------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------|--|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |           | APPROVE BY<br>FRANK | DATE<br>25/JUN/13 | PART NO.<br>FHG30002-SXXM2K6B                                                                                                                      | ITEM NO.<br>FHG30002 | <br>Leader Of Industry |  |
|                                                                                                                   |            | X.±.012(0.30)                            | X.±5'     | CHECKED BY          | DATE              | TITLE<br>Wire to Board<br>Pitch 3.0mm(Housing)                                                                                                     |                      |                                                                                                             |  |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.X±.008(0.20)                           | .X'±2"    | JACOB               | 25/JUN/13         |                                                                                                                                                    |                      | REV 1                                                                                                       |  |
|                                                                                                                   |            | X.XX±.006(0.15)                          | .XX'±1"   | DRAWN BY            | DATE              |                                                                                                                                                    |                      |                                                                                                             |  |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XXX±.004(0.10)                         | XXX'±0.5' | CHERRY              | 25/JUN/13         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                                                                                                             |  |



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