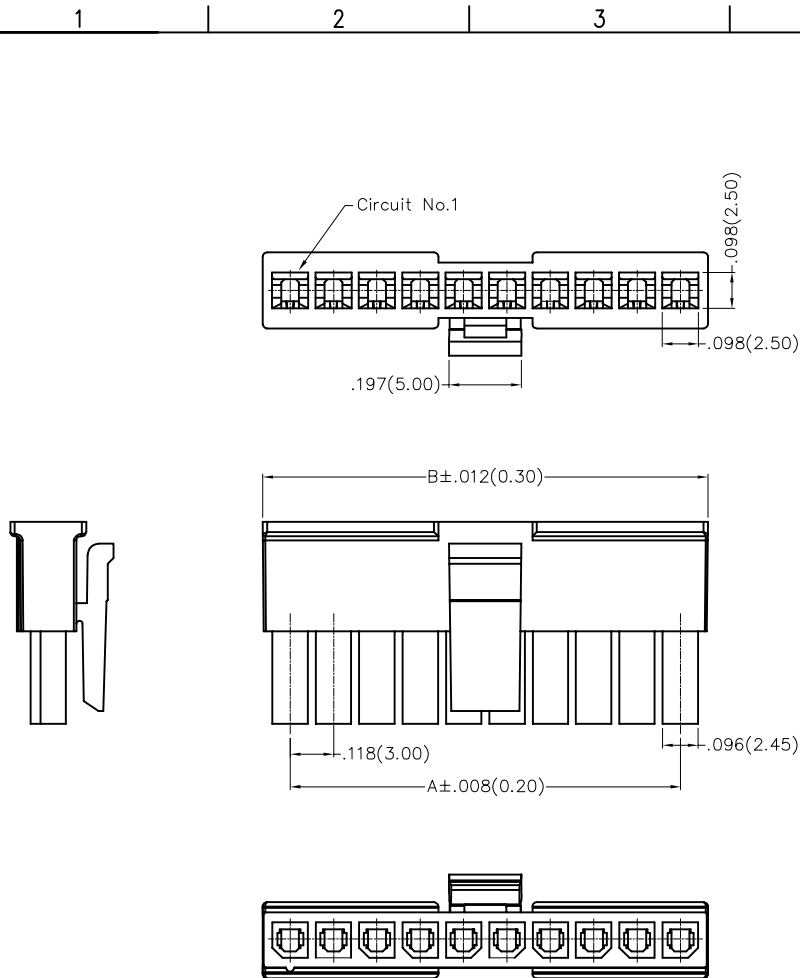




3-12 Circuits

2 Circuits

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

### 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<br>JACOB | DATE<br>25/JUN/13 | TITLE<br>Wire to Board<br>Pitch 3.0mm(Housing)                                                                                                        |                      |                                                                                                             |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.X±.008(0.20)                           | .X'±2°    | DRAWN BY<br>CHERRY  | DATE<br>25/JUN/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL<br>ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      | REV 3                                                                                                       | SHEET NO. 1/1 |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XX±.006(0.15)                          | .XX'±1°   |                     |                   |                                                                                                                                                       |                      |                                                                                                             |               |
|                                                                                                                   |            | X.XXX±.004(0.10)                         | .XXX±0.5° |                     |                   |                                                                                                                                                       |                      |                                                                                                             |               |

12345678

A

A

B

B

C

C

D

D

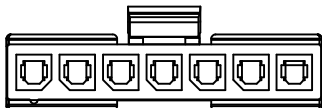
E

E

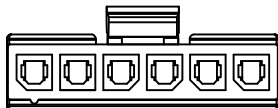
F

F

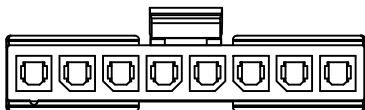
7 Circuits



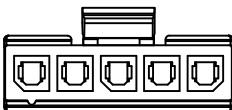
6 Circuits



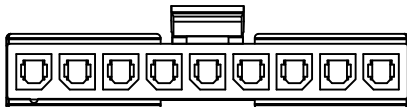
8 Circuits



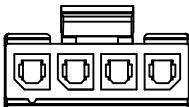
5 Circuits



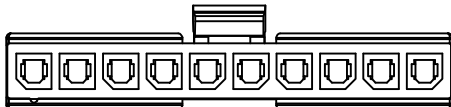
9 Circuits



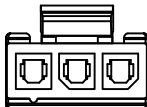
4 Circuits



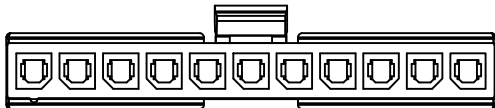
10 Circuits



3 Circuits



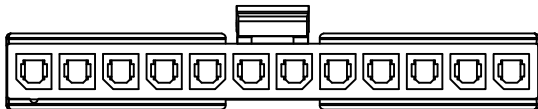
11 Circuits



2 Circuits



12 Circuits



| Circuits<br>(n) | Part No.          | Dimensions(in/mm) |              |
|-----------------|-------------------|-------------------|--------------|
|                 |                   | A                 | B            |
| 2               | FHG30002-S02M2K6B | .118(3.00)        | .327(8.30)   |
| 3               | FHG30002-S03M2K6B | .236(6.00)        | .386(9.80)   |
| 4               | FHG30002-S04M2K6B | .354(9.00)        | .504(12.80)  |
| 5               | FHG30002-S05M2K6B | .472(12.00)       | .622(15.80)  |
| 6               | FHG30002-S06M2K6B | .591(15.00)       | .740(18.80)  |
| 7               | FHG30002-S07M2K6B | .709(18.00)       | .858(21.80)  |
| 8               | FHG30002-S08M2K6B | .827(21.00)       | .976(24.80)  |
| 9               | FHG30002-S09M2K6B | .945(24.00)       | 1.094(27.80) |
| 10              | FHG30002-S10M2K6B | 1.063(27.00)      | 1.213(30.80) |
| 11              | FHG30002-S11M2K6B | 1.181(30.00)      | 1.331(33.80) |
| 12              | FHG30002-S12M2K6B | 1.299(33.00)      | 1.449(36.80) |

|                                                                                                                   |            |                                          |         |                     |                   |                                                |                      |                                                                                                             |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|---------|---------------------|-------------------|------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------|---------------|
| <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 |               |
|                                                                                                                   |            |                                          |         |                     |                   |                                                |                      |                                                                                                             |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.±.012(0.30)                            | X.*±5°  | CHECKED BY<br>JACOB | DATE<br>25/JUN/13 | TITLE<br>Wire to Board<br>Pitch 3.0mm(Housing) |                      | REV 3                                                                                                       | SHEET NO. 2/2 |
|                                                                                                                   |            | X.X±.008(0.20)                           | .X*±2°  |                     |                   |                                                |                      |                                                                                                             |               |
|                                                                                                                   |            | X.XX±.006(0.15)                          | .XX*±1° | DRAWN BY<br>CHERRY  | DATE<br>25/JUN/13 |                                                |                      |                                                                                                             |               |
| X.XXX±.004(0.10)                                                                                                  | .XXX*±0.5° |                                          |         |                     |                   |                                                |                      |                                                                                                             |               |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 |                                          |         |                     |                   |                                                |                      |                                                                                                             |               |

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