

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
|     |           |             |      |         |      |

SPECIFICATIONS

Electrical  
Current Rating: 3.0A AC(rms)/DC  
Voltage Rating: 350V AC(rms)/DC  
Contact Resistance: 20 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range-Operating: -25°C~+85°C

Material: PA66 UL94V-0  
Applicable Terminal: FT15003-F2H  
Mates With: FWF15008 Series

| Circuits<br>(n) | Part No.          | Dimensions(In/mm) |             |             |
|-----------------|-------------------|-------------------|-------------|-------------|
|                 |                   | A                 | B           | C           |
| 2               | FHG15003-S02M2W1B | .059(1.50)        | .161(4.10)  | .130(3.30)  |
| 3               | FHG15003-S03M2W1B | .118(3.00)        | .220(5.60)  | .189(4.80)  |
| 4               | FHG15003-S04M2W1B | .177(4.50)        | .280(7.10)  | .248(6.30)  |
| 5               | FHG15003-S05M2W1B | .236(6.00)        | .339(8.60)  | .307(7.80)  |
| 6               | FHG15003-S06M2W1B | .295(7.50)        | .398(10.10) | .366(9.30)  |
| 7               | FHG15003-S07M2W1B | .354(9.00)        | .457(11.60) | .425(10.80) |
| 8               | FHG15003-S08M2W1B | .413(10.50)       | .516(13.10) | .484(12.30) |
| 9               | FHG15003-S09M2W1B | .472(12.00)       | .574(14.60) | .543(13.80) |
| 10              | FHG15003-S10M2W1B | .531(13.50)       | .634(16.10) | .602(15.30) |
| 11              | FHG15003-S11M2W1B | .590(15.00)       | .693(17.60) | .661(16.80) |
| 12              | FHG15003-S12M2W1B | .650(16.50)       | .751(19.10) | .720(18.30) |
| 13              | FHG15003-S13M2W1B | .709(18.00)       | .811(20.60) | .780(19.80) |
| 14              | FHG15003-S14M2W1B | .768(19.50)       | .870(22.10) | .839(21.30) |
| 15              | FHG15003-S15M2W1B | .827(21.00)       | .929(23.60) | .898(22.80) |

Ordering Information

FHG 150 03 - S XX M 2 W1 B  
1 2 3 4 5 6 7 8 9

|   |             |   |                 |   |                 |   |              |   |           |
|---|-------------|---|-----------------|---|-----------------|---|--------------|---|-----------|
| 1 | Category    | 2 | Series Number   | 3 | Distinction No. | 4 | Row Option   |   |           |
|   | FHG-Housing |   | 150-Pitch1.50mm |   | 03              |   | S-Single row |   |           |
| 5 | Circuits    | 6 | Type            | 7 | Material-Resin  | 8 | Color-Resin  | 9 | Packaging |
|   | XX          |   | M-Male          |   | 2-PA66          |   | W1-White     |   | B-PE Bag  |

|                                                                                                                   |                                          |            |                     |                   |                                                                                                                                                    |                      |                                                                                                             |               |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------|---------------|
| <br>THIRD ANGLE<br>PROJECTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>19/JUN/17 | PART NO.<br>FHG15003-SXXM2W1B                                                                                                                      | ITEM NO.<br>FHG15003 | <br>Leader Of Industry |               |
|                                                                                                                   | X.±0.12(0.30)                            | X'±5'      | CHECKED BY          | DATE              | TITLE<br>Wire to Board<br>Pitch 1.5mm(Housing)                                                                                                     |                      |                                                                                                             |               |
|                                                                                                                   | X.X±.008(0.20)                           | .X'±2"     | JACOB               | 19/JUN/17         |                                                                                                                                                    |                      | REV 1                                                                                                       | SHEET NO. 1/1 |
|                                                                                                                   | X.XX±.006(0.15)                          | .XX'±1"    | DRAWN BY            | DATE              |                                                                                                                                                    |                      |                                                                                                             |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     | X.XXX±.004(0.10)                         | .XXX'±0.5' | LXF                 | 19/JUN/17         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                      |                                                                                                             |               |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4                               |            |                     |                   |                                                                                                                                                    |                      |                                                                                                             |               |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* [Headers & Wire Housings](#) *category:*

*Click to view products by* [TXGA](#) *manufacturer:*

Other Similar products are found below :

[0015917161](#) [0022155065](#) [57102-F02-18ULF](#) [58102-G61-06LF](#) [582553-1](#) [01.001.5753.1](#) [0050291907](#) [02.125.8002.8](#) [609-3404](#) [61062-3](#)  
[CSU011177004](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [65495-038](#) [65692-001LF](#) [65781-018](#)  
[65781-047](#) [65817-010LF](#) [65817-015LF](#) [67095-007LF](#) [67601157](#) [68631-112](#) [68645-018](#) [699319-000](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-](#)  
[4853B](#) [71.350.2428.0](#) [733-134](#) [733-162](#) [760-3052](#) [MHR-64-VUAL](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [801-43-002-10-013000](#)  
[801-43-006-10-002000](#) [803-43-024-10-001000](#) [803-93-012-10-001000](#) [8-1437020-4](#) [819-22-004-30-001101](#) [820-22-006-30-001101](#)  
[820-22-008-30-001101](#) [821-22-002-10-001101](#)