

A

B

C

D

E

F

12345678

| REV | LOCATIONS | DESCRIPTION     | DATE      | REVISER | APPD |
|-----|-----------|-----------------|-----------|---------|------|
| 4   |           | Updated version | 08/APR/24 | MATT    | LEO  |

## Electrical

Temperature Range—Operating:  $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$ 

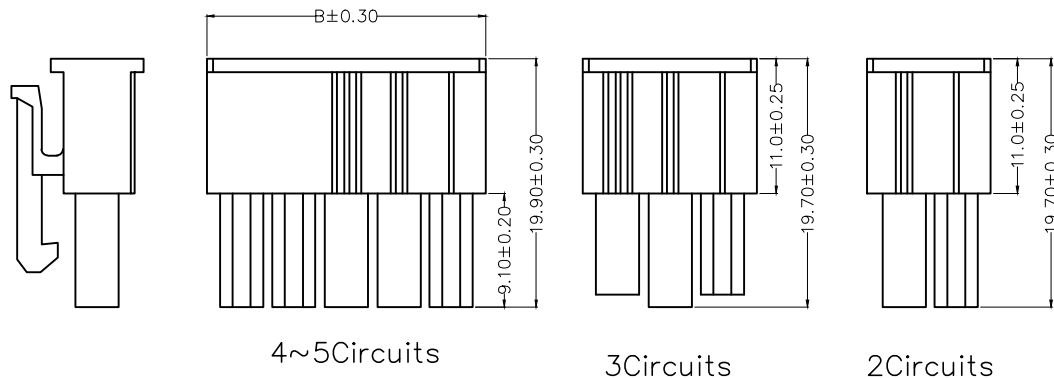
## Material

Housing: PA66( UL 94V-2) Transparent

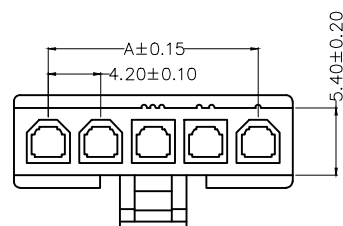
PA66( UL 94V-0) White

Applicable Terminal: FT42001

Mates With: FWF42006,FWF42007Series.



| Circuits | Part No.          | Dimensions(mm) |       |
|----------|-------------------|----------------|-------|
|          |                   | A              | B     |
| 2        | FHG42003-S02M2XXB | 4.20           | 9.60  |
| 3        | FHG42003-S03M2XXB | 8.40           | 13.80 |
| 4        | FHG42003-S04M2XXB | 12.60          | 18.00 |
| 5        | FHG42003-S05M2XXB | 16.80          | 22.20 |



## Ordering Information

FHG 420 03 — S XX M 2 XX B  
1 2 3 4 5 6 7 8 9

|   |                         |   |                                 |   |                                          |   |                            |   |                |
|---|-------------------------|---|---------------------------------|---|------------------------------------------|---|----------------------------|---|----------------|
| 1 | Category<br>FHG—Housing | 2 | Series Number<br>420—Pitch4.2mm | 3 | Distinction No.<br>03                    | 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>T—Transparent<br>W1—White | 9 | Packaging<br>B—PE Bag      |   |                |



|                                                                                                                                       |            |                                          |                        |                                                                                                                                                    |                   |                                                |                      |                                                                                                                                             |                          |
|---------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <div></div> <div>THIRD ANGLE<br/>PROJECTION</div> |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                        | APPROVE BY<br>FRANK                                                                                                                                | DATE<br>25/JUN/13 | PART NO.<br>FHG42003-SXXM2XXB                  | ITEM NO.<br>FHG42003 | <div></div> <div>Building Technology Cornerstone</div> |                          |
|                                                                                                                                       |            | X. $\pm 0.30$                            | X.* $\pm 5^{\circ}$    | CHECKED BY<br>JACOB                                                                                                                                | DATE<br>25/JUN/13 | TITLE<br>Wire to Board<br>Pitch 4.2mm(Housing) |                      |                                                                                                                                             |                          |
| DESIGN UNITS<br>METRIC                                                                                                                |            | XX $\pm 0.20$                            | XX* $\pm 2^{\circ}$    | DRAWN BY<br>CHERRY                                                                                                                                 | DATE<br>25/JUN/13 |                                                |                      |                                                                                                                                             | REV 4      SHEET NO. 1/1 |
|                                                                                                                                       |            | XX $\pm 0.15$                            | XX* $\pm 1^{\circ}$    |                                                                                                                                                    |                   |                                                |                      |                                                                                                                                             |                          |
| SCALE<br>5:1                                                                                                                          | SIZE<br>A4 | XXX $\pm 0.10$                           | XXX* $\pm 0.5^{\circ}$ | 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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