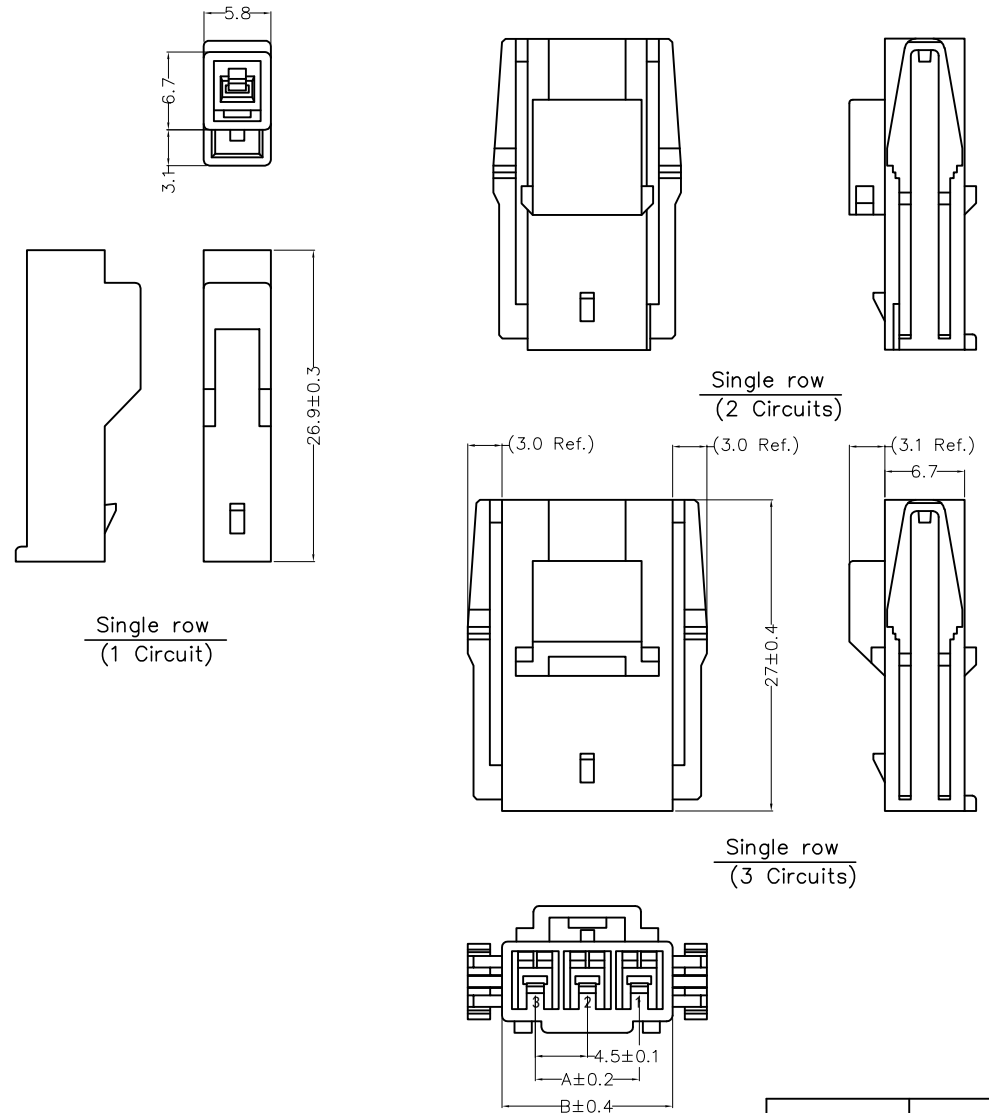


| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-----------------|-----------|---------|------|
| 1 | | Updated version | 27/OCT/23 | MATT | LEO |

Electrical
 Current Rating: 10A AC/DC Max
 Voltage Rating: 300V AC/DC
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstanding Voltage: 1500V AC/minute
 Temperature Range—Operating: -25°C~+85°C

Material
 Housing: PA66 (UL 94V-0)
 Applicable Terminal: FT45006
 Mates With: FHG45005Series.



| Circuits | Part No. | Dimensions(mm) | |
|----------|-------------------|----------------|-------|
| | | A | B |
| 1 | FHG45006-S01F2WHB | - | 5.80 |
| 2 | FHG45006-S02F2WHB | 4.50 | 10.30 |
| 3 | FHG45006-S03F2WHB | 9.00 | 14.80 |

Ordering Information

FHG 450 06 - X XX F 2 WH B
 1 2 3 4 5 6 7 8 9

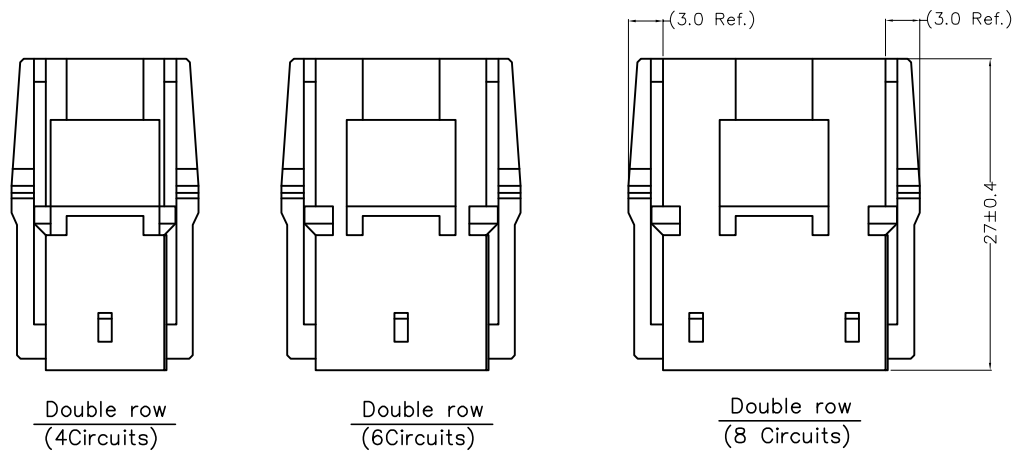
| | | | | | | | |
|---|-------------------------|---|----------------------------------|---|--------------------------|---|---|
| 1 | Category FHG-Housing | 2 | Series Number 450-Pitch4.50mm | 3 | Distinction No. 06 | 4 | Contact Alignment S-Single Row D-Double row T-Triple row |
| 5 | Circuits XX | 6 | Type F-Female | 7 | Material-Resin 2-PA66 | 8 | Color-Resin WH-White |
| | | | | 9 | Packaging B-PE Bag | | |

| | | | | | | | |
|--|--|-----------|-----------------------|-------------------|--|----------------------|-------------------------------------|
| THIRD ANGLE PROJECTION DESIGN UNITS METRIC SCALE 5:1 SIZE A4 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY LEO | DATE 30/JAN/22 | PART NO. FHG45006-XXXF2WHB | ITEM NO. FHG45006 | Building Technology Cornerstone |
| | X. ±0.30 | X.* ±5° | CHECKED BY GISELLE | DATE 30/JAN/22 | TITLE Wire to Wire Pitch 4.5mm(Housing) | | |
| | X.X ±0.20 | X.X* ±2° | DRAWN BY MATT | DATE 30/JAN/22 | 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 ±0.15 | X.XX* ±1° | | | | | |
| X.XXX ±0.10 | X.XXX* ±0.5° | | | | | | |

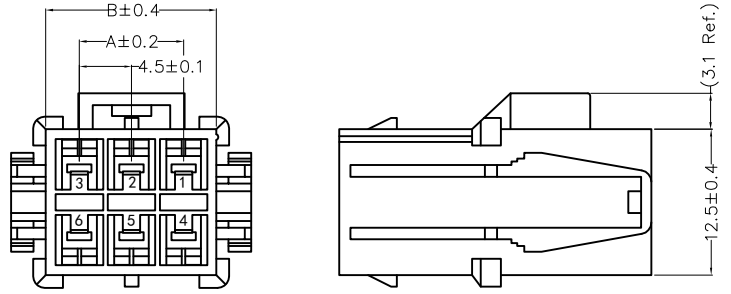
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-----------------|-----------|---------|------|
| 1 | | Updated version | 27/OCT/23 | MATT | LEO |

Electrical
 Current Rating: 10A AC/DC Max
 Voltage Rating: 300V AC/DC
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min
 Withstanding Voltage: 1500V AC/minute
 Temperature Range—Operating: -25°C~+85°C

Material
 Housing: PA66 (UL 94V-0)
 Applicable Terminal: FT45006
 Mates With: FHG45005Series.



| Circuits | Part No. | Dimensions(mm) | |
|----------|-------------------|----------------|-------|
| | | A | B |
| 4 | FHG45006-D04F2WHB | 4.50 | 10.30 |
| 6 | FHG45006-D06F2WHB | 9.00 | 14.80 |
| 8 | FHG45006-D08F2WHB | 13.50 | 19.30 |



Ordering Information

FHG 450 06 — X XX F 2 WH B
 1 2 3 4 5 6 7 8 9

| | | | | | | | | | |
|---|-------------------------|---|----------------------------------|---|--------------------------|---|---|---|-----------------------|
| 1 | Category FHG—Housing | 2 | Series Number 450—Pitch4.50mm | 3 | Distinction No. 06 | 4 | Contact Alignment S—Single Row D—Double row T—Triple row | | |
| 5 | Circuits XX | 6 | Type F—Female | 7 | Material—Resin 2—PA66 | 8 | Color—Resin WH—White | 9 | Packaging B—PE Bag |

| | | | | | | | | |
|-------------------------------|---------------------------------------|------------|-----------------------|-------------------|---|--|--|-------|
| <p>THIRD ANGLE PROJECTION</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY LEO | DATE 30/JAN/22 | PART NO. FHG45006-XXXF2WHB | ITEM NO. FHG45006 | <p>Building Technology Cornerstone</p> | |
| | X. ±0.30 | X.* ±5° | CHECKED BY GISELLE | DATE 30/JAN/22 | TITLE Wire to Wire Pitch 4.5mm(Housing) | | | REV 1 |
| | DESIGN UNITS METRIC | X.X ±0.20 | X.X* ±2° | DRAWN BY MATT | DATE 30/JAN/22 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | SCALE 5:1 | SIZE A4 | X.XX ±0.15 | X.XX* ±1° | | | | |

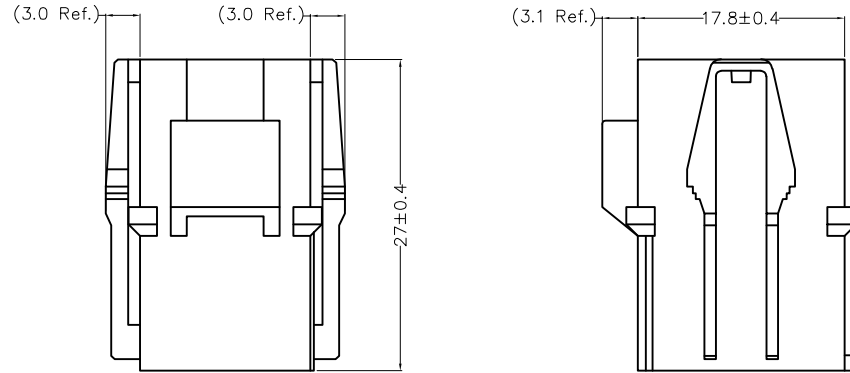
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-----------------|-----------|---------|------|
| 1 | | Updated version | 27/OCT/23 | MATT | LEO |

Electrical

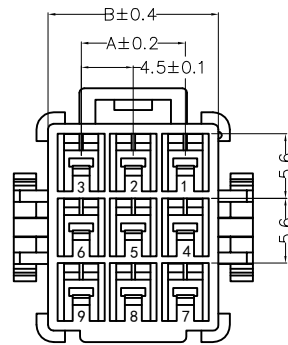
Current Rating: 10A AC/DC Max
Voltage Rating: 300V AC/DC
Contact Resistance: 20mΩ Max
Insulation Resistance: 1000MΩ Min
Withstanding Voltage: 1500V AC/minute
Temperature Range—Operating: -25°C~+85°C

Material

Housing: PA66 (UL 94V-0)
Applicable Terminal: FT45006
Mates With: FHG45005Series.



| Circuits | Part No. | Dimensions(mm) | |
|----------|-------------------|----------------|-------|
| | | A | B |
| 9 | FHG45006-T09F2WHB | 9.00 | 14.80 |
| 12 | FHG45006-T12F2WHB | 13.50 | 19.30 |
| 15 | FHG45006-T15F2WHB | 18.00 | 23.80 |



Three row
(9,12,15Circuits)

Ordering Information

FHG 450 06 — X XX F 2 WH B
1 2 3 4 5 6 7 8 9

| | | | | | | | | | |
|---|-------------------------|---|----------------------------------|---|--------------------------|---|---|---|-----------------------|
| 1 | Category FHG—Housing | 2 | Series Number 450—Pitch4.50mm | 3 | Distinction No. 06 | 4 | Contact Alignment S—Single Row D—Double row T—Triple row | | |
| 5 | Circuits XX | 6 | Type F—Female | 7 | Material—Resin 2—PA66 | 8 | Color—Resin WH—White | 9 | Packaging B—PE Bag |

| | | | | | | | | |
|-------------------------------|--|-------------|-------------------|-----------------------|-------------------------------|--|-------------------------------------|-------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY LEO | DATE 30/JAN/22 | PART NO. FHG45006-XXXF2WHB | ITEM NO. FHG45006 | Building Technology Cornerstone | |
| | DESIGN UNITS METRIC | X. ±0.30 | X.* ±5° | CHECKED BY GISELLE | DATE 30/JAN/22 | TITLE Wire to Wire Pitch 4.5mm(Housing) | | REV 1 |
| SCALE 5:1 | SIZE A4 | X.XX ±0.15 | X.XX' ±1° | DRAWN BY MATT | DATE 30/JAN/22 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| | | X.XXX ±0.10 | X.XXX* ±0.5° | | | | | |