

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|---|-----------|---------|--------|
| 1 | | Dimension $\phi.065(1.40)$ Change to $\phi.071(1.80)$ | 20150910 | CHERRY | FAN |
| 2 | | 1. Dimensions Change 2. Structure Change | 29/MAY/19 | KATE | FAN |
| 3 | | Dimensions Change | 10/MAY/21 | KATE | CHERRY |

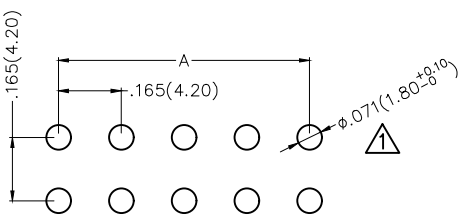
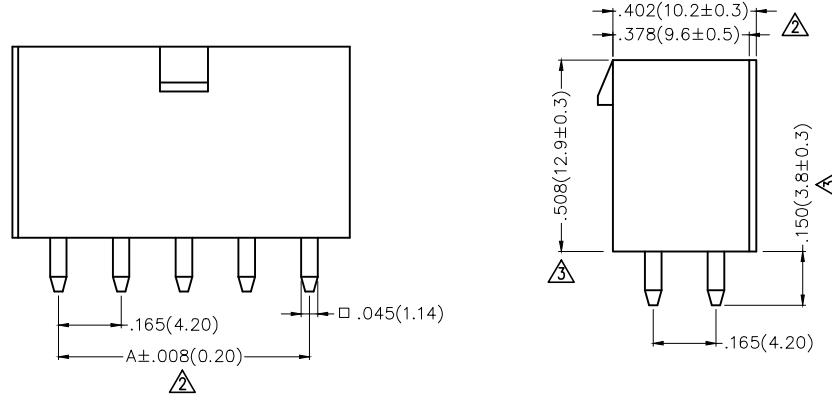
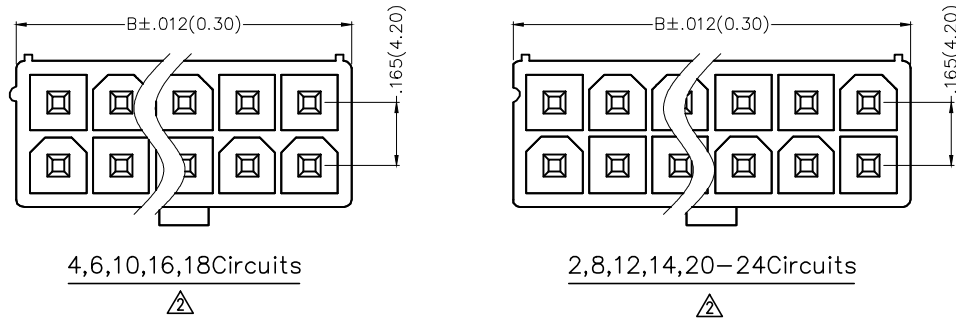
Electrical

Current Rating: 7A AC(rms)/DC
Voltage Rating: 600V AC(rms)/DC
Contact Resistance: 10 m Ω Max
Insulation Resistance: 1000 M Ω MIN
Withstanding Voltage: 1500V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

Material and Plating

Housing: PA66(UL 94V-0)
Contact Pin: Brass
Plating: Tin Plated

| Circuits (n) | Part No. | Dimensions(in/mm) | |
|--------------|-------------------|-------------------|--------------|
| | | A | B |
| 2 | FWF42002-D02S22TK | — | .220(5.60) |
| 4 | FWF42002-D04S22TK | .165(4.20) | .386(9.80) |
| 6 | FWF42002-D06S22TK | .331(8.40) | .551(14.00) |
| 8 | FWF42002-D08S22TK | .496(12.60) | .717(18.20) |
| 10 | FWF42002-D10S22TK | .661(16.80) | .882(22.40) |
| 12 | FWF42002-D12S22TK | .827(21.00) | 1.047(26.60) |
| 14 | FWF42002-D14S22TK | .992(25.20) | 1.213(30.80) |
| 16 | FWF42002-D16S22TK | 1.157(29.40) | 1.378(35.00) |
| 18 | FWF42002-D18S22TK | 1.323(33.60) | 1.543(39.20) |
| 20 | FWF42002-D20S22TK | 1.488(37.80) | 1.709(43.40) |
| 22 | FWF42002-D22S22TK | 1.654(42.00) | 1.874(47.60) |
| 24 | FWF42002-D24S22TK | 1.819(46.20) | 2.039(51.80) |



Recommended P.C.Board Layout

Ordering Information

FWF 420 02 — D XX S 2 2 T K
1 2 3 4 5 6 7 8 9 10

| | | | | | |
|-----------------------------|-------------------------------------|----------------------------------|--------------------------------|--------------------|------------------------------------|
| 1 Category FWF-Wafer | 2 Series Number 420-Pitch4.2mm | 3 Distinction No. 02 | 4 Row Option D-Double Row | 5 Circuits XX | 6 Entry Angle S-180° Vertical |
| 7 Plating 2-Tin Plated | 8 Material-Resin 2-PA66 | 9 Color-Resin T-Transparent | 10 Packaging K-Tray | | |

| | | | | | | | |
|--------------|---------------------------------------|-------------------------------------|---------------------|---------------------|-------------------------------|--|------------------------|
| | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 28/JUN/13 | PART NO. FWF42002-DXXS22TK | ITEM NO. FWF42002 | Leader Of Industry |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) X.X±.008(0.20) | X.±5° .X±2° | CHECKED BY JACOB | DATE 28/JUN/13 | TITLE Wire to Board (Wafer) Pitch 4.2mm 180° Vertical (DIP) | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) X.XXX±.004(0.10) | .XX±1° .XXX±0.5° | DRAWN BY CHERRY | DATE 28/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 | |

REV 3 SHEET NO. 1/1

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