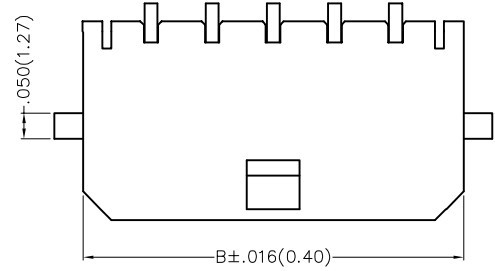


1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|-----------|---------|--------|
| 1 | △ | Size change | 29/APR/22 | MATT | CHERRY |

A

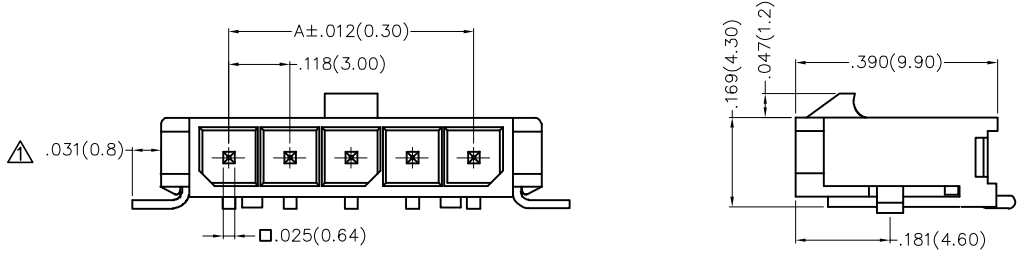


B

Electrical
 Current Rating: 5.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 10 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 1500V AC r.m.s
 Temperature Range—Operating: -25°C~+85°C

Material and Plating
 Housing: LCP(UL 94V-0)
 Contact Pin: Brass
 Plating: Tin Plated

C

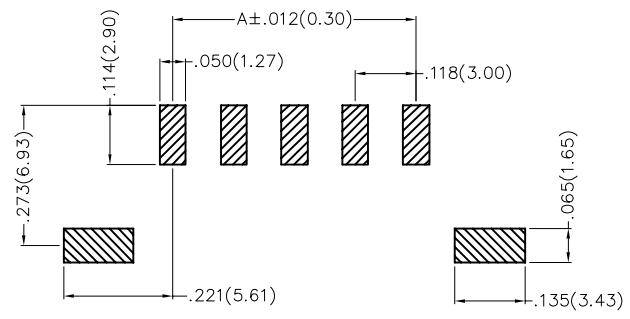


D

Ordering Information

FWF 300 20 — S XX B 2 3 K6 M
 1 2 3 4 5 6 7 8 9 10

E



Recommended P.C.Board Layout

| | | | | | |
|-----------------------------|-------------------------------------|-----------------------------|------------------------------|--------------------|--------------------------------|
| 1 Category FWF—Wafer | 2 Series Number 300—Pitch3.0mm | 3 Distinction No. 20 | 4 Row Option Single Row | 5 Circuits XX | 6 Entry Angle B—90° Angle |
| 7 Plating 2—Tin Plated | 8 Material—Resin 3—LCP | 9 Color—Resin K6—Black | 10 Packaging M—Reel | | |

F

| | | | | | | | |
|-------------------------------|--|------------------|----------------------|-------------------|--|--|------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. FWF30020—SXXB23K6M | ITEM NO. FWF30020 | Leader Of Industry |
| | X.±.012(0.30) | X.±5° | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE Wire to Board (Wafer) Pitch 3.0mm 90° Angled (SMT) | | |
| DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2° | DRAWN BY KATE | | DATE 18/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 | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) | .XX'±1° | | | | |
| | | X.XXX±.004(0.10) | .XXX'±0.5° | | | | |

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

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

A

B



C

D

E

F

| Circuits (n) | Part No. | Dimensions(in/mm) | |
|-----------------|-------------------------------|-------------------------|-------------------------|
| | | A | B |
| 2 | FWF30020-S02B23K6M | .118(3.00) | .382(9.70) |
| 3 | FWF30020-S03B23K6M | .236(6.00) | .500(12.70) |
| 4 | FWF30020-S04B23K6M | .354(9.00) | .618(15.70) |
| 5 | FWF30020-S05B23K6M | .472(12.00) | .736(18.70) |
| 6 | FWF30020-S06B23K6M | .591(15.00) | .854(21.70) |
| 7 | FWF30020-S07B23K6M | .709(18.00) | .972(24.70) |
| 8 | FWF30020-S08B23K6M | .827(21.00) | 1.091(27.70) |
| 9 | FWF30020-S09B23K6M | .945(24.00) | 1.209(30.70) |
| 10 | FWF30020-S10B23K6M | 1.063(27.00) | 1.327(33.70) |
| 11 | FWF30020-S11B23K6M | 1.181(30.00) | 1.445(36.70) |
| 12 | FWF30020-S12B23K6M | 1.299(33.00) | 1.563(39.70) |

| | | | | | | | | |
|---|--|--|--|----------------------|---|--|---|---------------|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 18/JUN/13 | PART NO. FWF30020-SXXB23K6M | ITEM NO. FWF30020 |  Leader Of Industry | |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10) | X.±5' .X'±2' .XX'±1' .XXX'±0.5' | CHECKED BY CHERRY | DATE 18/JUN/13 | TITLE Wire to Board (Wafer) Pitch 3.0mm 90° Angled (SMT) | | |
| SCALE 5:1 | SIZE A4 | DRAWN BY KATE | | DATE 18/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 1 | SHEET NO. 2/2 |

1 2 3 4 5 6 7 8