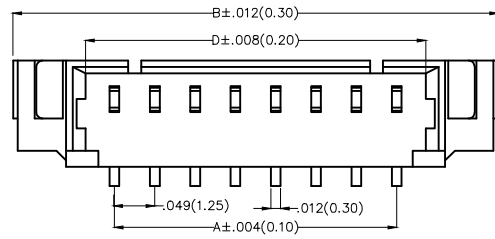
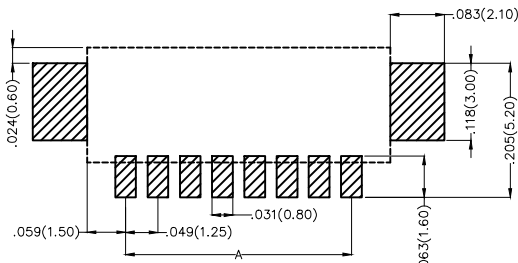
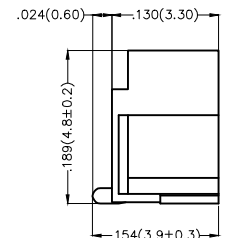
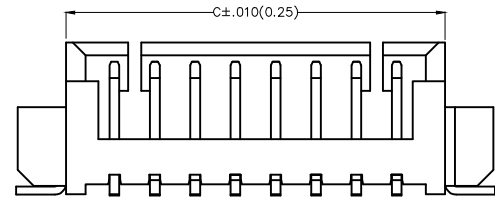


1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISED | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |



Electrical
 Current Rating: 1.0A AC(rms)/DC
 Voltage Rating: 125V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 100 MΩ MIN
 Withstanding Voltage: 250V AC r.m.s
 Temperature Range-Operating: -40°C ~+85°C
 Material and Plating
 Housing: PA9T(UL 94V-0)
 Contact Pin: Brass
 Plating: Full tin



Recommended P.C.Board Layout

Ordering Information

FWF 125 05 - S XX S X 4 W5 M
 1 2 3 4 5 6 7 8 9 10

| | | | | | |
|-----------------------------|--------------------------------------|-------------------------------|--------------------------------|--------------------|------------------------------------|
| 1 Category FWF-Wafer | 2 Series Number 125-Pitch1.25mm | 3 Distinction No. 05 | 4 Row Option S-Single Row | 5 Circuits XX | 6 Entry Angle S-180° Vertical |
| 7 Plating 2-Tin Plated | 8 Material-Resin 4-PA9T | 9 Color-Resin W5-Natural | 10 Packaging M-Reel | | |

| | | | | | | | |
|-------------------------------|--|------------------|---------------------|------------------|--|----------------------|------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 8/JUL/13 | PART NO. FWF12505-SXXSX4W5M | ITEM NO. FWF12505 | Leader Of Industry |
| | X.±.012(0.30) | X.±5' | CHECKED BY JACOB | DATE 8/JUL/13 | TITLE Wire to Board (Wafer) Pitch 1.25mm 180° Vertical (SMT) | | |
| DESIGN UNITS Inch (metric) | X.X±.008(0.20) | .X'±2' | DRAWN BY CHERRY | DATE 8/JUL/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

A

B



C

D

E

F

| Circuits (n) | Part No. | Dimensions(in/mm) | | | |
|-----------------|--------------------|-------------------|-------------|-------------|-------------|
| | | A | B | C | D |
| 2 | FWF12505-S02S24W5M | .049(1.25) | .297(7.55) | .167(4.25) | .120(3.05) |
| 3 | FWF12505-S03S24W5M | .098(2.50) | .346(8.80) | .217(5.50) | .169(4.30) |
| 4 | FWF12505-S04S24W5M | .147(3.75) | .396(10.05) | .266(6.75) | .218(5.55) |
| 5 | FWF12505-S05S24W5M | .197(5.00) | .445(11.30) | .315(8.00) | .268(6.80) |
| 6 | FWF12505-S06S24W5M | .246(6.25) | .494(12.55) | .364(9.25) | .317(8.05) |
| 7 | FWF12505-S07S24W5M | .295(7.50) | .543(13.80) | .413(10.50) | .366(9.30) |
| 8 | FWF12505-S08S24W5M | .344(8.75) | .593(15.05) | .463(11.75) | .415(10.55) |
| 9 | FWF12505-S09S24W5M | .394(10.00) | .642(16.30) | .512(13.00) | .465(11.80) |
| 10 | FWF12505-S10S24W5M | .443(11.25) | .691(17.55) | .561(14.25) | .514(13.05) |
| 11 | FWF12505-S11S24W5M | .492(12.50) | .740(18.80) | .610(15.50) | .563(14.30) |
| 12 | FWF12505-S12S24W5M | .541(13.75) | .789(20.05) | .659(16.75) | .612(15.55) |
| 13 | FWF12505-S13S24W5M | .591(15.00) | .839(21.30) | .709(18.00) | .661(16.80) |
| 14 | FWF12505-S14S24W5M | .640(16.25) | .888(22.55) | .758(19.25) | .711(18.05) |
| 15 | FWF12505-S15S24W5M | .689(17.50) | .937(23.80) | .807(20.50) | .760(19.30) |

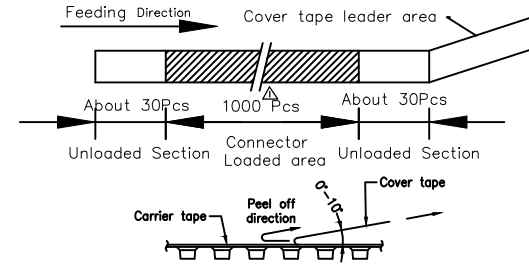
| | | | | | | | | |
|---|--|--|--|---------------------|---|--|---|---------------|
|  THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 8/JUL/13 | PART NO. FWF12505-SXXSX4W5M | ITEM NO. FWF12505 |  Leader Of Industry | |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) 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 JACOB | DATE 8/JUL/13 | TITLE Wire to Board (Wafer) Pitch 1.25mm 180° Vertical (SMT) | | |
| SCALE 5:1 | SIZE A4 | | DRAWN BY CHERRY | DATE 8/JUL/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. 2/3 |

1 2 3 4 5 6 7 8

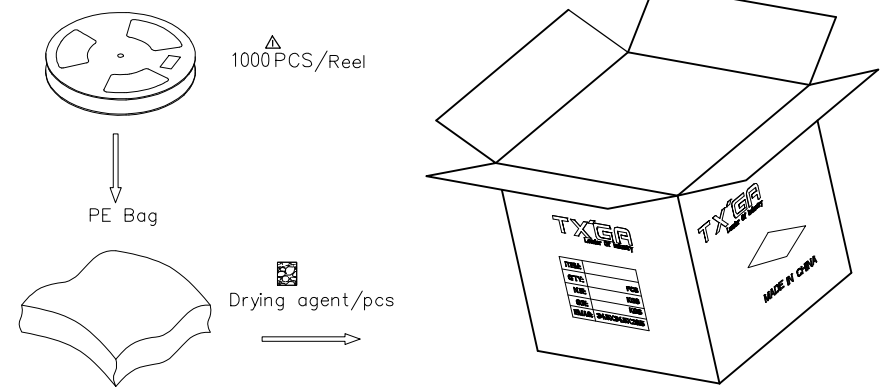
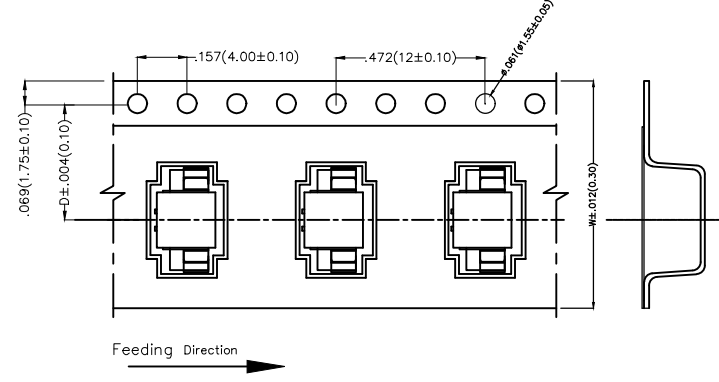
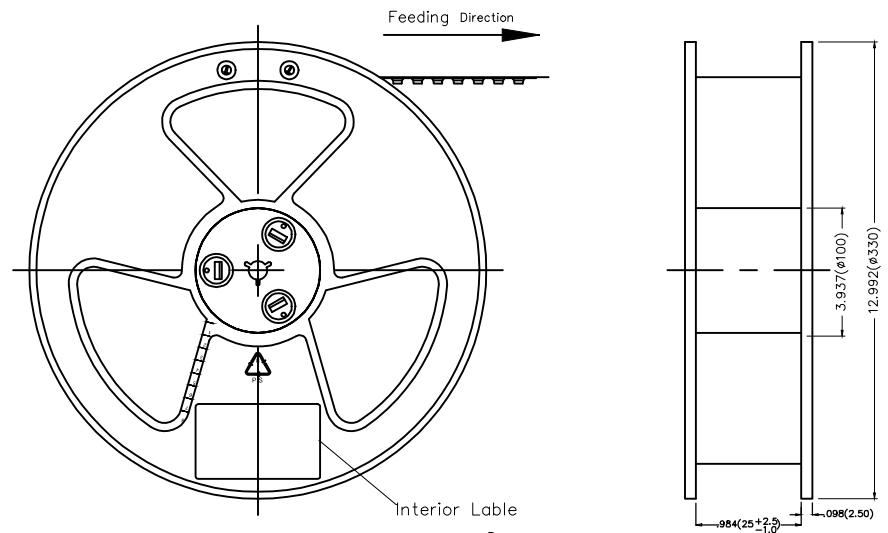
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|---|----------|---------|-------|
| 1 | △ | MPQ 1500PCS/Reel Change to 1000Pcs/Reel | 20150811 | CHERRY | JACOB |

Note:

1. 10 sprocket hole cumulative tolerance±0.2
2. Carrier camber is within 1.0mm in 100mm
3. Material: White Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Component load per 13" reel: 1000 pcs



| Circuits (n) | Dimensions(in/mm) | | Circuits (n) | Dimensions(in/mm) | |
|--------------|-------------------|--------------|--------------|-------------------|--------------|
| | D | W | | D | W |
| 2 | .295(7.50) | .630(16.00) | 10 | .559(14.20) | 1.260(32.00) |
| 3 | .295(7.50) | .630(16.00) | 11 | .559(14.20) | 1.260(32.00) |
| 4 | .453(11.50) | .945(24.00) | 12 | .559(14.20) | 1.260(32.00) |
| 5 | .453(11.50) | .945(24.00) | 13 | .795(20.20) | 1.732(44.00) |
| 6 | .453(11.50) | .945(24.00) | 14 | .795(20.20) | 1.732(44.00) |
| 7 | .559(14.20) | 1.260(32.00) | 15 | .795(20.20) | 1.732(44.00) |
| 8 | .559(14.20) | 1.260(32.00) | | | |
| 9 | .559(14.20) | 1.260(32.00) | | | |



| | | | | | | | | |
|-------------------------------|---------------------------------------|------------------|------------|------------|--------------------|--|---------------------------|------------------------|
| <p>THIRD ANGLE PROJECTION</p> | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY | DATE | PART NO. | ITEM NO. | <p>Leader Of Industry</p> | |
| | X.±.012(0.30) | X.±5' | FRANK | 8/JUL/13 | FWF12505-SXXSX4W5M | FWF12505 | | |
| | DESIGN UNITS | X.X±.008(0.20) | .X±2' | CHECKED BY | DATE | TITLE | | REV 1 SHEET NO. 3/3 |
| | Inch (metric) | X.XX±.006(0.15) | .XX±1' | JACOB | 8/JUL/13 | Wire to Board (Wafer) Pitch 1.25mm 180° Vertical (SMT) | | |
| SCALE | SIZE | X.XXX±.004(0.10) | .XXX±0.5' | DRAWN BY | DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |
| 5:1 | A4 | | CHERRY | 8/JUL/13 | | | | |

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