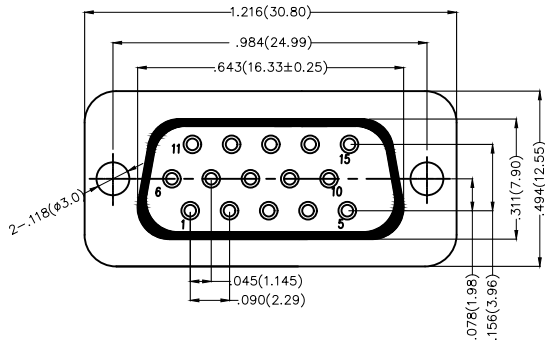


1 2 3 4 5 6 7 8

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

A

A

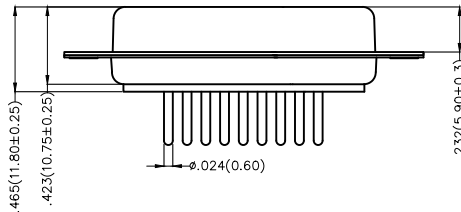


B

B

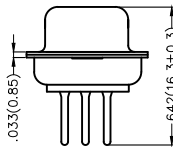
C

C



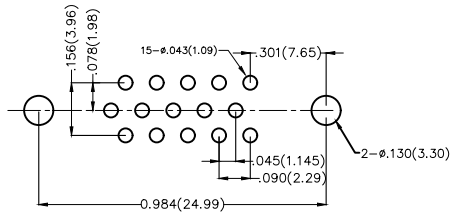
D

D



E

E



F

F

Recommended P.C.Board Layout

### Electrical

Current Rating: 3A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 25 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

### Material and Plating

Housing: PBT( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Selective gold in contact area, tin on tail

### Ordering Information

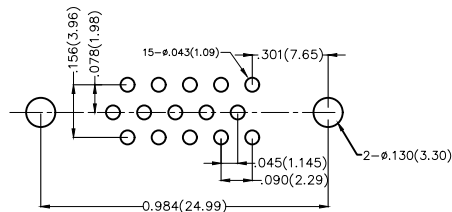
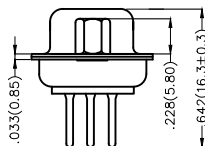
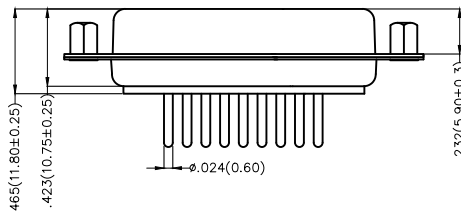
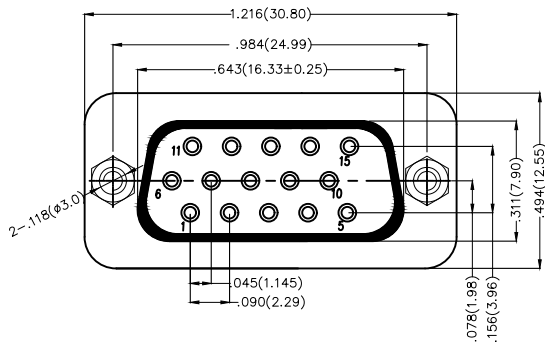
FDB 15 07 — F0 D S X XX XX X A  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                           |   |                                                                           |   |                                    |    |                               |    |                              |   |                                |
|---|---------------------------------------------------------------------------|---|---------------------------------------------------------------------------|---|------------------------------------|----|-------------------------------|----|------------------------------|---|--------------------------------|
| 1 | Category<br>FDB-D-SUB Connectors                                          | 2 | Circuits<br>15-15Circuits                                                 | 3 | Distinction No.<br>07              | 4  | Type<br>F0-Female             | 5  | Assembly Layout<br>D-DIP     | 6 | Entry Angle<br>S-180° Vertical |
| 7 | Plating<br>1-Gold Plated<br>3-Selective gold in contact area, tin on tail | 8 | Thickness of Plating<br>00-Gold Flash<br>03-3μ"<br>Custom plate available | 9 | Color-Resin<br>K6-Black<br>U1-Blue | 10 | Packaging<br>L-Tube<br>K-Tray | 11 | Distinction Type<br>A-A Type |   |                                |

|                                                                                                                   |  |                                          |            |                     |                   |                                                                                                                                                    |                     |                                                                                                             |  |               |
|-------------------------------------------------------------------------------------------------------------------|--|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|--|---------------|
| <br>THIRD ANGLE<br>PROJECTION |  | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXA                                                                                                                    | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |  |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |  | X.±.012(0.30)                            | X'±5°      | CHECKED BY<br>JACOB | DATE<br>28/JUN/13 | TITLE<br>D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                      | REV 0               |                                                                                                             |  | SHEET NO. 1/1 |
| SCALE<br>5:1                                                                                                      |  | X.XX±.006(0.15)                          | .XX'±1°    | DRAWN BY<br>CHERRY  | DATE<br>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 |                     |                                                                                                             |  |               |
|                                                                                                                   |  | 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 |
|   |   |   |   |   |     |           |             |      |         |      |



Recommended P.C.Board Layout

### Electrical

Current Rating: 3A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 25 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

### Material and Plating

Housing: PBT( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Selective gold in contact area, tin on tail

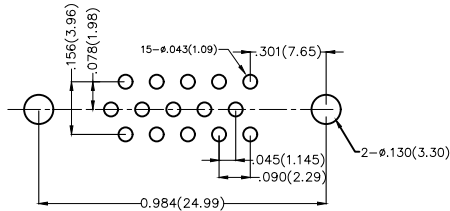
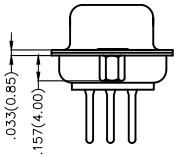
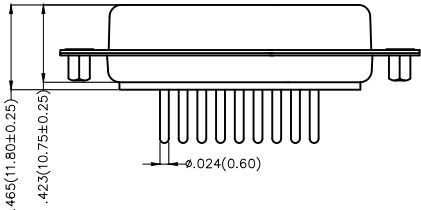
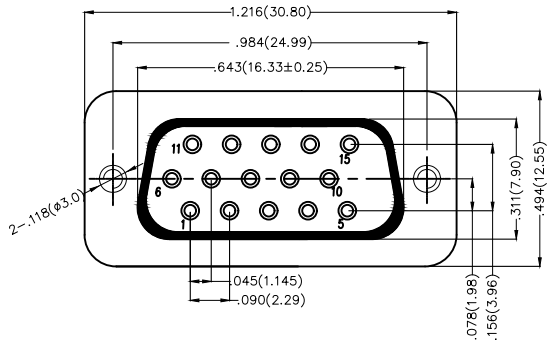
### Ordering Information

FDB 15 07 — F0 D S X XX XX X B  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                |   |                                                   |   |                     |    |                  |    |                  |   |                 |
|---|----------------------------------------------------------------|---|---------------------------------------------------|---|---------------------|----|------------------|----|------------------|---|-----------------|
| 1 | Category                                                       | 2 | Circuits                                          | 3 | Distinction No.     | 4  | Type             | 5  | Assembly Layout  | 6 | Entry Angle     |
|   | FDB-D-SUB Connectors                                           |   | 15-15Circuits                                     |   | 07                  |    | F0-Female        |    | D-DIP            |   | S-180° Vertical |
| 7 | Plating                                                        | 8 | Thickness of Plating                              | 9 | Color-Resin         | 10 | Packaging        | 11 | Distinction Type |   |                 |
|   | 1-Gold Plated<br>3-Selective gold in contact area, tin on tail |   | 00-Gold Flash<br>03-3μ"<br>Custom plate available |   | K6-Black<br>U1-Blue |    | L-Tube<br>K-Tray |    | B-B Type         |   |                 |

|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                    |                     |                                                                                                             |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|---------------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXB                                                                                                                    | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |               |
|                                                                                                                   |            | X.±.012(0.30)                            | X.±5°      | CHECKED BY          | DATE              | TITLE<br>D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                      |                     |                                                                                                             |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.X±.008(0.20)                           | X.±2°      | JACOB               | 28/JUN/13         |                                                                                                                                                    |                     | REV 0                                                                                                       | SHEET NO. 1/1 |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XX±.006(0.15)                          | .XX'±1°    | 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 |                     |                                                                                                             |               |
|                                                                                                                   |            | X.XXX±.004(0.10)                         | .XXX'±0.5° | CHERRY              | 28/JUN/13         |                                                                                                                                                    |                     |                                                                                                             |               |

| 1 | 2 | 3 | 4 | 5 | 6   | 7         | 8           |
|---|---|---|---|---|-----|-----------|-------------|
|   |   |   |   |   | REV | LOCATIONS | DESCRIPTION |
|   |   |   |   |   |     |           | DATE        |
|   |   |   |   |   |     |           | REVISER     |
|   |   |   |   |   |     |           | APPD        |



Recommended P.C.Board Layout

### Electrical

Current Rating: 3A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 25 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

### Material and Plating

Housing: PBT( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Selective gold in contact area, tin on tail

### Ordering Information

|     |    |    |   |    |   |   |   |    |    |    |    |
|-----|----|----|---|----|---|---|---|----|----|----|----|
| FDB | 15 | 07 | — | F0 | D | S | X | XX | XX | X  | C  |
| 1   | 2  | 3  |   | 4  | 5 | 6 | 7 | 8  | 9  | 10 | 11 |

|   |                                                                |   |                                                   |   |                     |    |                  |    |                  |   |                 |
|---|----------------------------------------------------------------|---|---------------------------------------------------|---|---------------------|----|------------------|----|------------------|---|-----------------|
| 1 | Category                                                       | 2 | Circuits                                          | 3 | Distinction No.     | 4  | Type             | 5  | Assembly Layout  | 6 | Entry Angle     |
|   | FDB-D-SUB Connectors                                           |   | 15-15Circuits                                     |   | 07                  |    | F0-Female        |    | D-DIP            |   | S-180° Vertical |
| 7 | Plating                                                        | 8 | Thickness of Plating                              | 9 | Color-Resin         | 10 | Packaging        | 11 | Distinction Type |   |                 |
|   | 1-Gold Plated<br>3-Selective gold in contact area, tin on tail |   | 00-Gold Flash<br>03-3μ"<br>Custom plate available |   | K6-Black<br>U1-Blue |    | L-Tube<br>K-Tray |    | C-C Type         |   |                 |

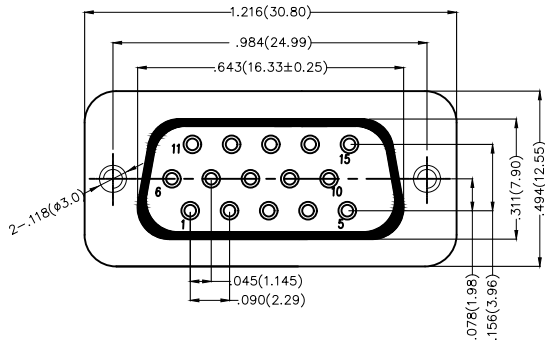
|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                    |                     |                                                                                                             |  |       |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|--|-------|---------------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXC                                                                                                                    | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |  |       |               |
|                                                                                                                   |            | X.±.012(0.30)                            | X.±5'      | CHECKED BY          | DATE              | TITLE                                                                                                                                              |                     |                                                                                                             |  |       |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.X±.008(0.20)                           | X.±2'      | JACOB               | 28/JUN/13         | D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                               |                     |                                                                                                             |  | REV 0 | SHEET NO. 1/1 |
|                                                                                                                   |            | X.XX±.006(0.15)                          | .XX'±1'    | 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 |                     |                                                                                                             |  |       |               |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XXX±.004(0.10)                         | .XXX'±0.5' | CHERRY              | 28/JUN/13         |                                                                                                                                                    |                     |                                                                                                             |  |       |               |

1 2 3 4 5 6 7 8

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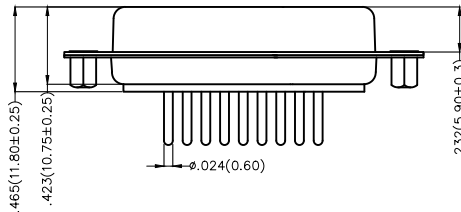


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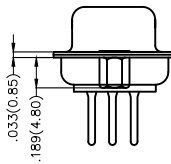
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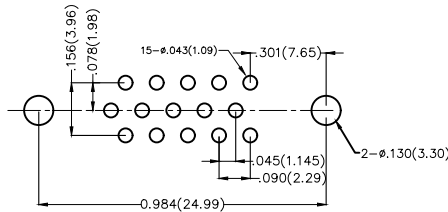
D

D



E

E



F

F

Recommended P.C.Board Layout

### Electrical

Current Rating: 3A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 25 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

### Material and Plating

Housing: PBT( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Selective gold in contact area, tin on tail

### Ordering Information

FDB 15 07 — F0 D S X XX XX X D  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                           |   |                                                                           |   |                                    |    |                               |    |                              |   |                                |
|---|---------------------------------------------------------------------------|---|---------------------------------------------------------------------------|---|------------------------------------|----|-------------------------------|----|------------------------------|---|--------------------------------|
| 1 | Category<br>FDB-D-SUB Connectors                                          | 2 | Circuits<br>15-15Circuits                                                 | 3 | Distinction No.<br>07              | 4  | Type<br>F0-Female             | 5  | Assembly Layout<br>D-DIP     | 6 | Entry Angle<br>S-180° Vertical |
| 7 | Plating<br>1-Gold Plated<br>3-Selective gold in contact area, tin on tail | 8 | Thickness of Plating<br>00-Gold Flash<br>03-3μ"<br>Custom plate available | 9 | Color-Resin<br>K6-Black<br>U1-Blue | 10 | Packaging<br>L-Tube<br>K-Tray | 11 | Distinction Type<br>D-D Type |   |                                |

|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                    |                     |                                                                                                             |               |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|---------------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXD                                                                                                                     | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |               |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.±.012(0.30)                            | X'±5°      | CHECKED BY          | DATE              | TITLE<br>D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                      |                     | REV 0                                                                                                       | SHEET NO. 1/1 |
|                                                                                                                   |            | X.X±.008(0.20)                           | .X'±2°     | JACOB               | 28/JUN/13         |                                                                                                                                                    |                     |                                                                                                             |               |
|                                                                                                                   |            | X.XX±.006(0.15)                          | .XX'±1°    | DRAWN BY            | DATE              |                                                                                                                                                    |                     |                                                                                                             |               |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XXX±.004(0.10)                         | .XXX'±0.5° | CHERRY              | 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 |                     |                                                                                                             |               |

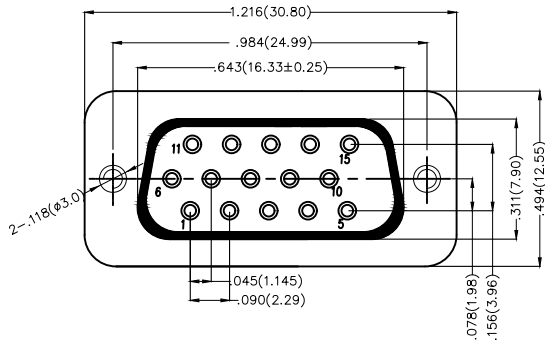
1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
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A

A

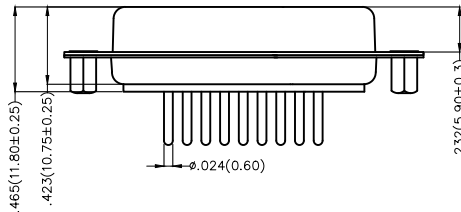


B

B

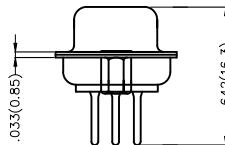
C

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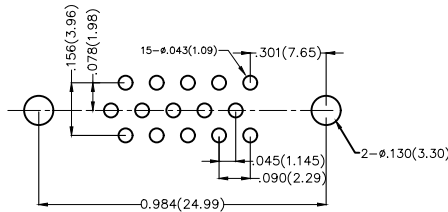
D

D



E

E



F

F

Recommended P.C.Board Layout

### Electrical

Current Rating: 3A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 25 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

### Material and Plating

Housing: PBT( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Selective gold in contact area, tin on tail

### Ordering Information

FDB 15 07 — F0 D S X XX XX X E  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                           |   |                                                                           |   |                                    |    |                               |    |                              |   |                                |
|---|---------------------------------------------------------------------------|---|---------------------------------------------------------------------------|---|------------------------------------|----|-------------------------------|----|------------------------------|---|--------------------------------|
| 1 | Category<br>FDB-D-SUB Connectors                                          | 2 | Circuits<br>15-15Circuits                                                 | 3 | Distinction No.<br>07              | 4  | Type<br>F0-Female             | 5  | Assembly Layout<br>D-DIP     | 6 | Entry Angle<br>S-180° Vertical |
| 7 | Plating<br>1-Gold Plated<br>3-Selective gold in contact area, tin on tail | 8 | Thickness of Plating<br>00-Gold Flash<br>03-3μ"<br>Custom plate available | 9 | Color-Resin<br>K6-Black<br>U1-Blue | 10 | Packaging<br>L-Tube<br>K-Tray | 11 | Distinction Type<br>E-E Type |   |                                |

|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                    |                     |                                                                                                             |  |       |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|--|-------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXE                                                                                                                    | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |  |       |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.±.012(0.30)                            | X.±5°      | CHECKED BY<br>JACOB | DATE<br>28/JUN/13 | TITLE<br>D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                      |                     |                                                                                                             |  | REV 0 |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XX±.006(0.15)                          | .XX'±1°    | DRAWN BY<br>CHERRY  | DATE<br>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 |                     |                                                                                                             |  |       |
|                                                                                                                   |            | X.XXX±.004(0.10)                         | .XXX'±0.5° |                     |                   |                                                                                                                                                    |                     |                                                                                                             |  |       |

1 2 3 4 5 6 7 8

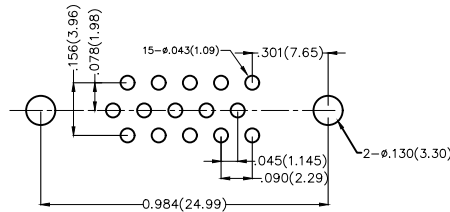
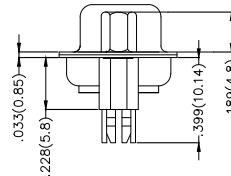
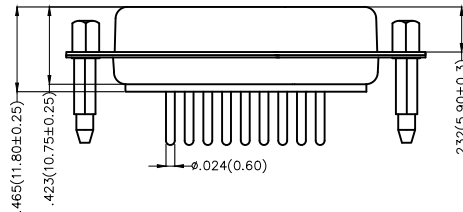
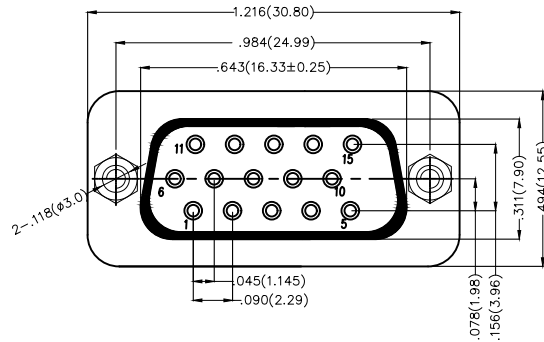
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
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|     |           |             |      |         |      |

#### Electrical

Current Rating: 3A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 25 mΩ Max  
Insulation Resistance: 1000 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range—Operating: -55°C~+105°C

#### Material and Plating

Housing: PBT( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Selective gold in contact area, tin on tail



Recommended P.C.Board Layout

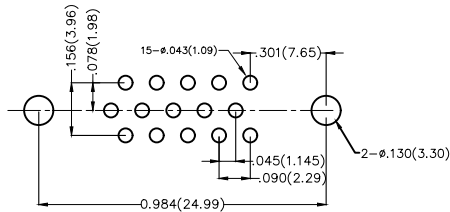
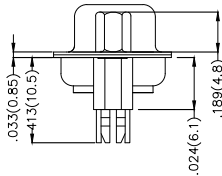
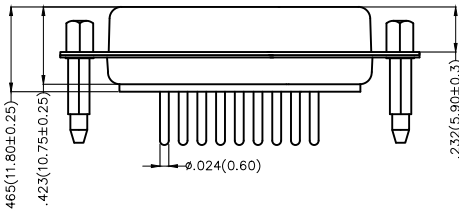
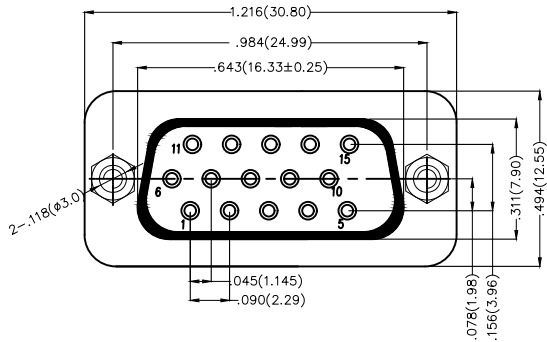
#### Ordering Information

FDB 15 07 — F0 D S X XX XX X F  
1 2 3 4 5 6 7 8 9 10 11

|   |                                                                |   |                                                   |   |                     |    |                  |    |                  |   |                 |
|---|----------------------------------------------------------------|---|---------------------------------------------------|---|---------------------|----|------------------|----|------------------|---|-----------------|
| 1 | Category                                                       | 2 | Circuits                                          | 3 | Distinction No.     | 4  | Type             | 5  | Assembly Layout  | 6 | Entry Angle     |
|   | FDB-D-SUB Connectors                                           |   | 15-15Circuits                                     |   | 07                  |    | F0-Female        |    | D-DIP            |   | S-180° Vertical |
| 7 | Plating                                                        | 8 | Thickness of Plating                              | 9 | Color-Resin         | 10 | Packaging        | 11 | Distinction Type |   |                 |
|   | 1-Gold Plated<br>3-Selective gold in contact area, tin on tail |   | 00-Gold Flash<br>03-3μ"<br>Custom plate available |   | K6-Black<br>U1-Blue |    | L-Tube<br>K-Tray |    | F-F Type         |   |                 |

|                                                                                                                                       |                                          |                  |                     |                   |                                                               |                     |                                                                                                                                                    |       |               |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------|---------------------|-------------------|---------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <div></div> <div>THIRD ANGLE<br/>PROJECTION</div> | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                  | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXF                               | ITEM NO.<br>FDB1507 | <div></div> <div>Leader Of Industry</div>                     |       |               |
|                                                                                                                                       | X.±.012(0.30)                            | X.±5°            | CHECKED BY          | DATE              | TITLE<br>D-SUB Connectors<br>15 Circuits 180° Vertical Female |                     |                                                                                                                                                    |       |               |
|                                                                                                                                       | DESIGN UNITS<br>Inch (metric)            | X.X±.008(0.20)   | .X'±2°              | JACOB             | 28/JUN/13                                                     |                     |                                                                                                                                                    | REV 0 | SHEET NO. 1/1 |
|                                                                                                                                       | SCALE<br>5:1                             | SIZE<br>A4       | X.XX±.006(0.15)     | .XX'±1°           | 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 |       |               |
|                                                                                                                                       |                                          | X.XXX±.004(0.10) | .XXX'±0.5°          | CHERRY            | 28/JUN/13                                                     |                     |                                                                                                                                                    |       |               |

| 1 | 2 | 3 | 4 | 5 | 6   | 7         | 8           |
|---|---|---|---|---|-----|-----------|-------------|
|   |   |   |   |   | REV | LOCATIONS | DESCRIPTION |
|   |   |   |   |   |     |           | DATE        |
|   |   |   |   |   |     |           | REVISER     |
|   |   |   |   |   |     |           | APPD        |



Recommended P.C.Board Layout

Electrical  
 Current Rating: 3A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 25 m Ω Max  
 Insulation Resistance: 1000 M Ω MIN  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range—Operating: -55°C~+105°C  
 Material and Plating  
 Housing: PBT( UL 94V-0)  
 Contact Pin: Phosphor Bronze  
 Plating: Selective gold in contact area, tin on tail

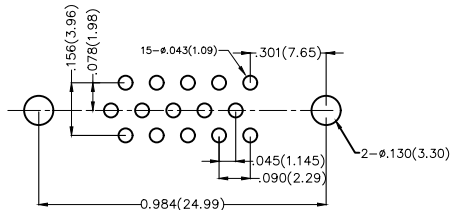
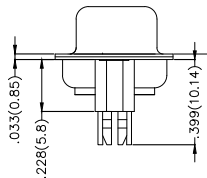
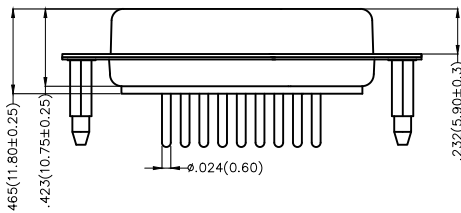
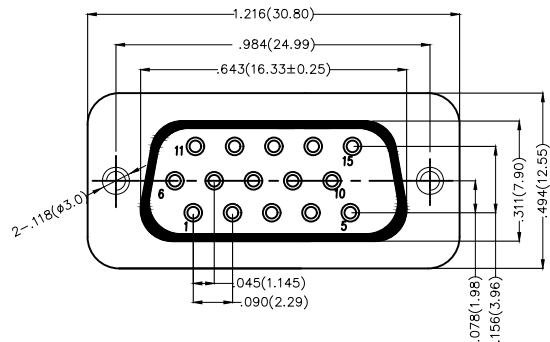
### Ordering Information

FDB 15 07 — F0 D S X XX XX X G  
 1 2 3 4 5 6 7 8 9 10 11

|   |                                                                |   |                                                   |   |                     |    |                  |    |                  |   |                 |
|---|----------------------------------------------------------------|---|---------------------------------------------------|---|---------------------|----|------------------|----|------------------|---|-----------------|
| 1 | Category                                                       | 2 | Circuits                                          | 3 | Distinction No.     | 4  | Type             | 5  | Assembly Layout  | 6 | Entry Angle     |
|   | FDB-D-SUB Connectors                                           |   | 15-15Circuits                                     |   | 07                  |    | F0-Female        |    | D-DIP            |   | S-180° Vertical |
| 7 | Plating                                                        | 8 | Thickness of Plating                              | 9 | Color-Resin         | 10 | Packaging        | 11 | Distinction Type |   |                 |
|   | 1-Gold Plated<br>3-Selective gold in contact area, tin on tail |   | 00-Gold Flash<br>03-3μ"<br>Custom plate available |   | K6-Black<br>U1-Blue |    | L-Tube<br>K-Tray |    | G-G Type         |   |                 |

|                                                                                                                  |                                          |  |                     |                   |                                                                                                                                                    |                     |                                                                                                             |       |               |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|-------|---------------|
| <br>THIRD ANGLE<br>PROJECTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |  | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXG                                                                                                                    | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |       |               |
|                                                                                                                  | X.±.012(0.30) X.±5"                      |  | CHECKED BY          | DATE              | TITLE<br>D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                      |                     |                                                                                                             |       |               |
|                                                                                                                  | X.X±.008(0.20) .X'±2"                    |  | JACOB               | 28/JUN/13         |                                                                                                                                                    |                     |                                                                                                             |       |               |
|                                                                                                                  | X.XX±.006(0.15) .XX'±1"                  |  | DRAWN BY            | DATE              |                                                                                                                                                    |                     |                                                                                                             |       |               |
| DESIGN UNITS<br>Inch (metric)                                                                                    | X.XXX±.004(0.10) .XXX'±0.5"              |  | CHERRY              | 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 0 | SHEET NO. 1/1 |
| SCALE<br>5:1                                                                                                     | SIZE<br>A4                               |  |                     |                   |                                                                                                                                                    |                     |                                                                                                             |       |               |

| 1   | 2         | 3           | 4    | 5       | 6    | 7 | 8 |
|-----|-----------|-------------|------|---------|------|---|---|
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |   |   |
|     |           |             |      |         |      |   |   |



Recommended P.C.Board Layout

Electrical  
 Current Rating: 3A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 25 mΩ Max  
 Insulation Resistance: 1000 MΩ MIN  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range—Operating: -55°C~+105°C  
 Material and Plating  
 Housing: PBT( UL 94V-0)  
 Contact Pin: Phosphor Bronze  
 Plating: Selective gold in contact area, tin on tail

### Ordering Information

FDB 15 07 — F0 D S X XX XX X H  
 1 2 3 4 5 6 7 8 9 10 11

|   |                                                                           |   |                                                                           |   |                                    |    |                               |    |                              |   |                                |
|---|---------------------------------------------------------------------------|---|---------------------------------------------------------------------------|---|------------------------------------|----|-------------------------------|----|------------------------------|---|--------------------------------|
| 1 | Category<br>FDB-D-SUB Connectors                                          | 2 | Circuits<br>15-15Circuits                                                 | 3 | Distinction No.<br>07              | 4  | Type<br>F0-Female             | 5  | Assembly Layout<br>D-DIP     | 6 | Entry Angle<br>S-180° Vertical |
| 7 | Plating<br>1-Gold Plated<br>3-Selective gold in contact area, tin on tail | 8 | Thickness of Plating<br>00-Gold Flash<br>03-3μ"<br>Custom plate available | 9 | Color-Resin<br>K6-Black<br>U1-Blue | 10 | Packaging<br>L-Tube<br>K-Tray | 11 | Distinction Type<br>H-H Type |   |                                |

|                                                                                                                   |            |                                          |            |                     |                   |                                                                                                                                                    |                     |                                                                                                             |  |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|---------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------|--|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK | DATE<br>28/JUN/13 | PART NO.<br>FDB1507-F0DSXXXXXXH                                                                                                                    | ITEM NO.<br>FDB1507 | <br>Leader Of Industry |  |
|                                                                                                                   |            | X.±.012(0.30)                            | X.±5°      | CHECKED BY          | DATE              | TITLE                                                                                                                                              |                     |                                                                                                             |  |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.X±.008(0.20)                           | X.±2°      | JACOB               | 28/JUN/13         | D-SUB Connectors<br>15 Circuits 180° Vertical Female                                                                                               |                     |                                                                                                             |  |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XX±.006(0.15)                          | .XX'±1°    | 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 |                     |                                                                                                             |  |
|                                                                                                                   |            | X.XXX±.004(0.10)                         | .XXX'±0.5° | CHERRY              | 28/JUN/13         |                                                                                                                                                    |                     |                                                                                                             |  |