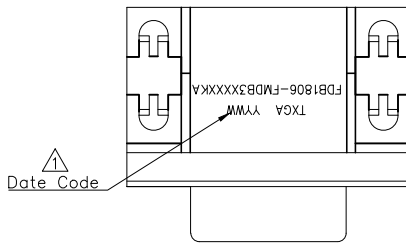
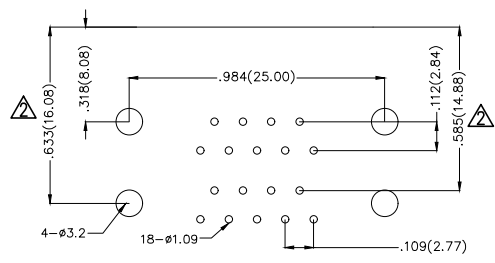
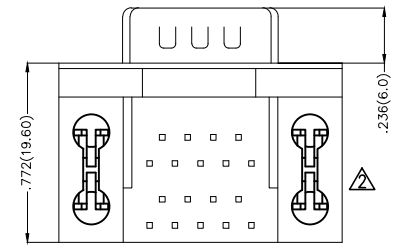
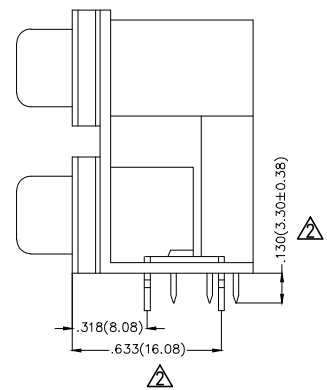
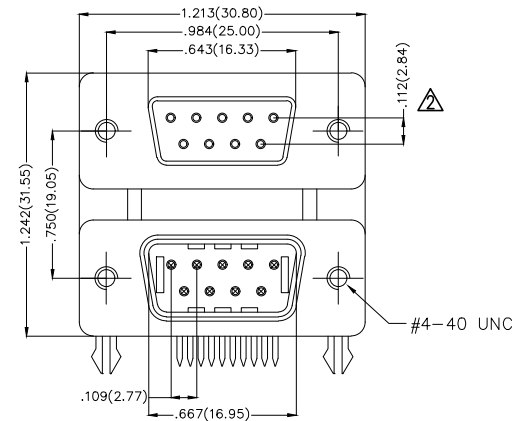


1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO
2	△	Change the structure/Size changes	01/Jul/25	NICK	LEO



Date Code



Recommended P.C.Board Layout

SPECIFICATIONS


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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Bracket: zinc alloy

Ordering Information

FDB 18 06 — FM D B 3 XX XX K A  
 1 2 3 4 5 6 7 8 9 10 11

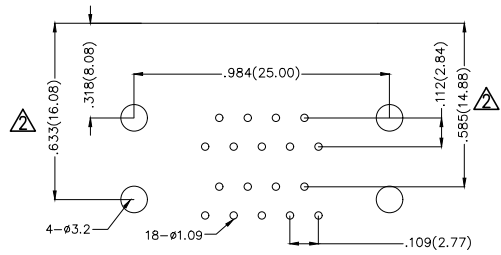
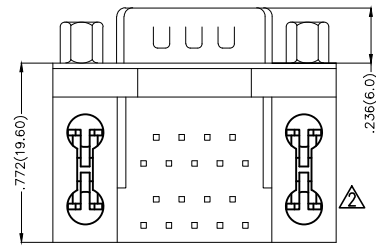
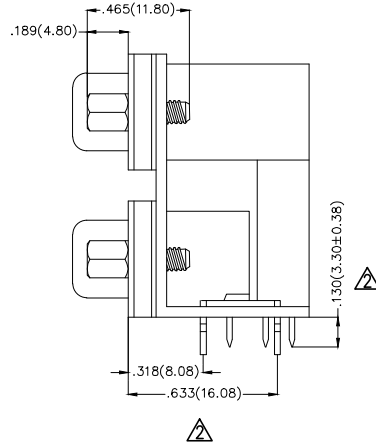
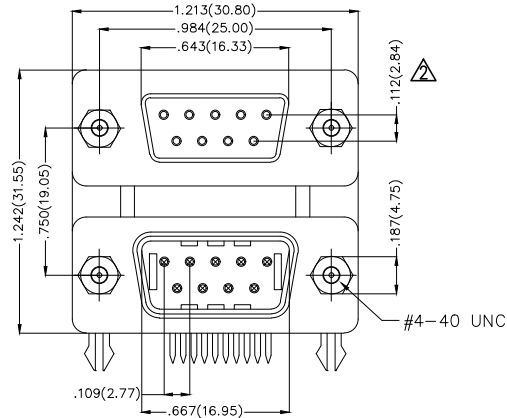
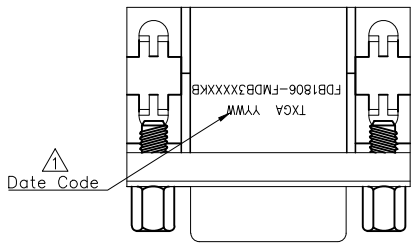
1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type A-Type A	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1806-FMDB3XXXXKA	ITEM NO. FDB1806	 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 28/JUN/13	TITLE D-SUB Connectors 18Circuits 90° Angle Female+Male	
SCALE 5:1	SIZE A4		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 2 SHEET NO. 1/1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO
2	△	Change the structure/Size changes	01/Jul/25	NICK	LEO



Recommended P.C.Board Layout

SPECIFICATIONS

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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated  
 Bracket: zinc alloy

Ordering Information

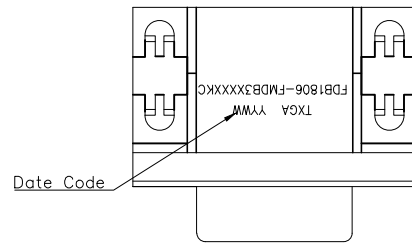
FDB 18 06 — FM D B 3 XX XX K B  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type B-Type B	

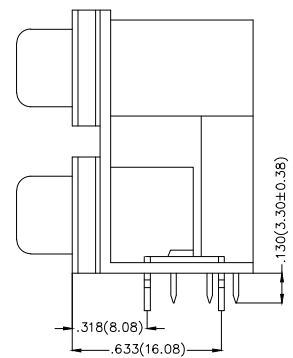
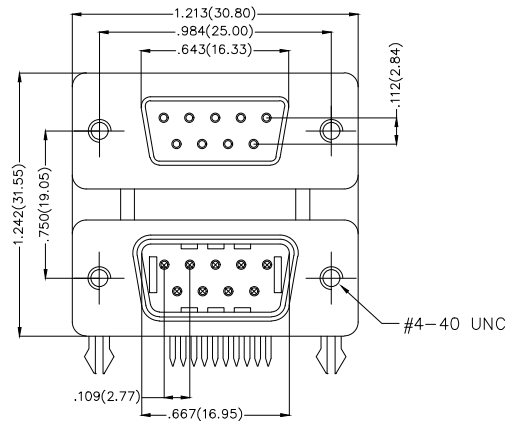
 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.±5' X.X±.008(0.20) .X±2' X.XX±.006(0.15) .XX±1" X.XXX±.004(0.10) .XXX±0.5"		APPROVE BY FRANK CHECKED BY JACOB DRAWN BY CHERRY	DATE 28/JUN/13 DATE 28/JUN/13 DATE 28/JUN/13	PART NO. FDB1806-FMDB3XXXXKB TITLE D-SUB Connectors 18Circuits 90° Angle Female+Male THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	ITEM NO. FDB1806	 Leader Of Industry REV 2 SHEET NO. 1/1
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1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD



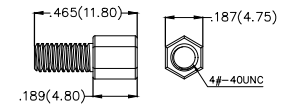
Date Code



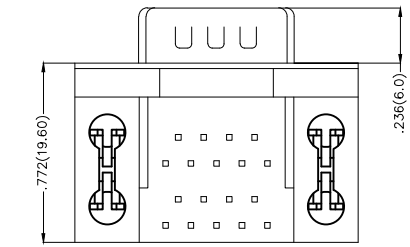
SPECIFICATIONS

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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated  
 Bracket: zinc alloy



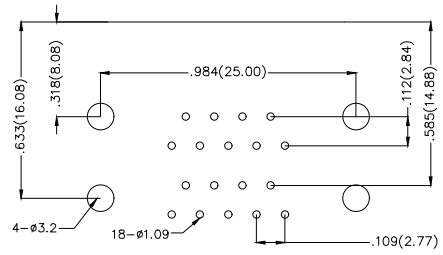
Screw (4pcs)




Ordering Information

FDB 18 06 - FM D B 3 XX XX K C  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type C-Type C	



Recommended P.C.Board Layout

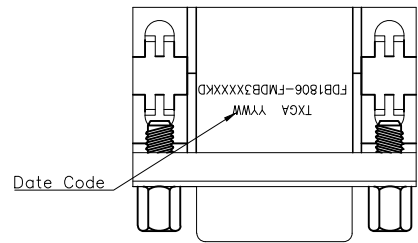
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1806-FMDB3XXXXK	ITEM NO. FDB1806	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' .X±2' .XX±1' .XXX±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connectors 18Circuits 90° Angle Female+Male	
SCALE 5:1	SIZE A4	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 0 SHEET NO. 1/1

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD



**SPECIFICATIONS**

**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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated  
 Bracket: zinc alloy

A

B

C

D

E

F

F

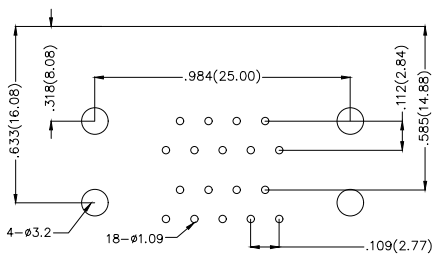
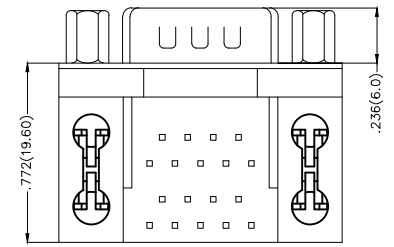
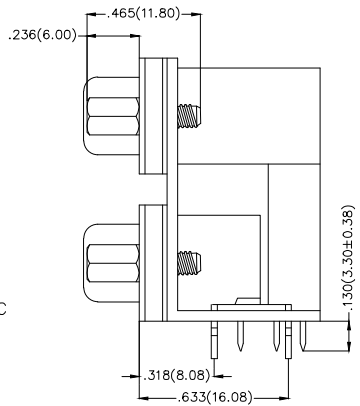
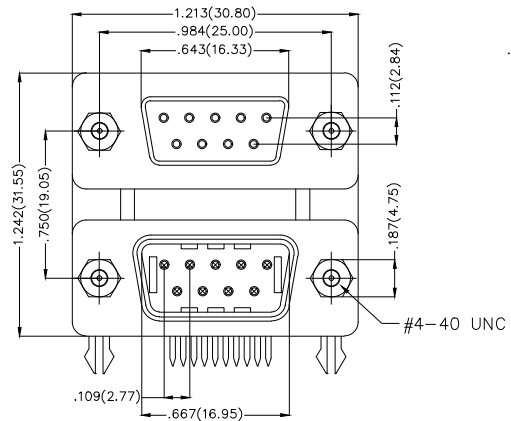
E

C

D

E

F



Recommended P.C.Board Layout

**Ordering Information**

FDB 18 06 — FM D B 3 XX XX K D  
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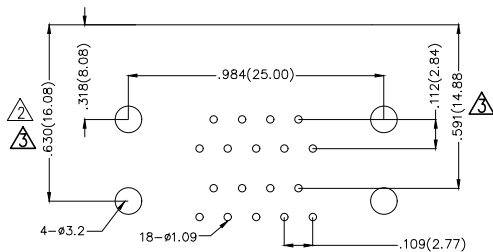
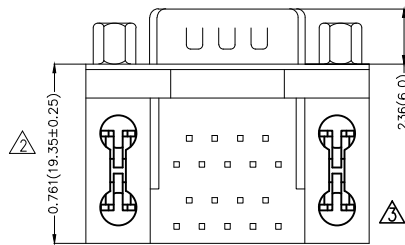
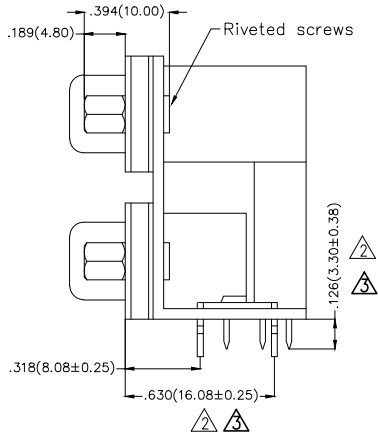
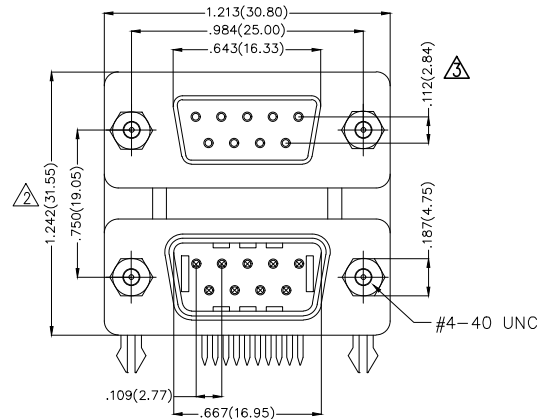
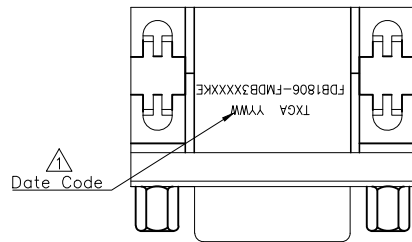
1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type D-Type D	

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <tr> <td>X.±.012(0.30)</td> <td>X.±5'</td> </tr> <tr> <td>X.X±.008(0.20)</td> <td>.X'±2'</td> </tr> <tr> <td>X.XX±.006(0.15)</td> <td>.XX'±1'</td> </tr> <tr> <td>X.XXX±.004(0.10)</td> <td>.XXX'±0.5'</td> </tr> </table>		X.±.012(0.30)	X.±5'	X.X±.008(0.20)	.X'±2'	X.XX±.006(0.15)	.XX'±1'	X.XXX±.004(0.10)	.XXX'±0.5'	<p>APPROVE BY FRANK</p> <p>CHECKED BY JACOB</p> <p>DRAWN BY CHERRY</p>	<p>DATE 28/JUN/13</p> <p>DATE 28/JUN/13</p> <p>DATE 28/JUN/13</p>	<p>PART NO. FDB1806-FMDB3XXXXKD</p> <p>TITLE D-SUB Connectors 18Circuits 90° Angle Female+Male</p>	<p>ITEM NO. FDB1806</p>	<p><b>TXGA</b> Leader Of Industry</p>
	X.±.012(0.30)	X.±5'													
X.X±.008(0.20)	.X'±2'														
X.XX±.006(0.15)	.XX'±1'														
X.XXX±.004(0.10)	.XXX'±0.5'														
<p>SCALE 5:1</p> <p>SIZE A4</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>	<p>REV 0</p> <p>SHEET NO. 1/1</p>													

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO
2	△	Update dimensions	13/Jan/25	NICK	LEO
3	△	Change the structure/Size changes	01/Jul/25	NICK	LEO



Recommended P.C.Board Layout

SPECIFICATIONS

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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated  
 Bracket: zinc alloy

Ordering Information

FDB 18 06 — FM D B 3 XX XX K E  
 1 2 3 4 5 6 7 8 9 10 11

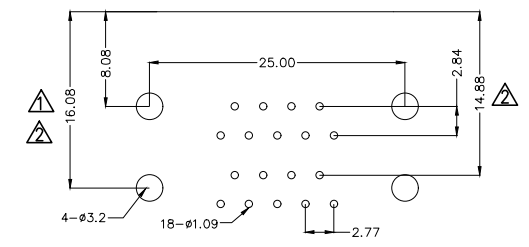
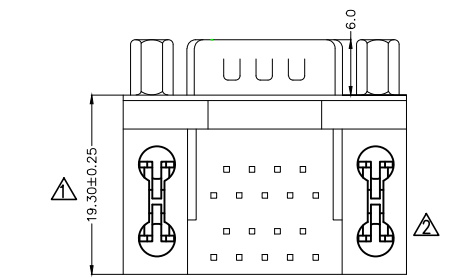
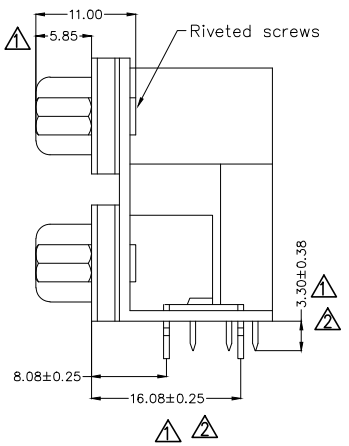
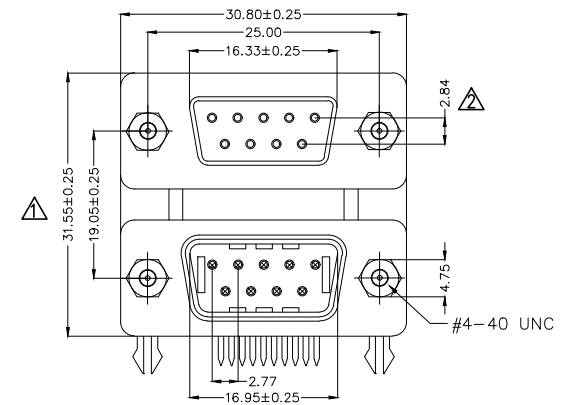
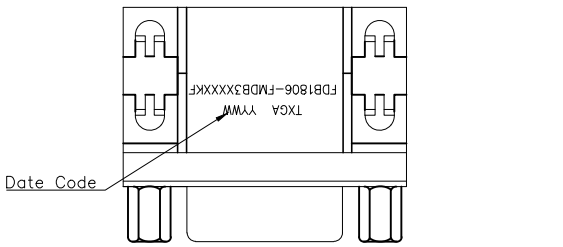
1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type E-Type E	

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB1806-FMDB3XXXXXE	ITEM NO. FDB1806	<p>Leader Of Industry</p>
	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 D-SUB Connectors 18Circuits 90° Angle Female+Male	
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	

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions	13/Jan/25	NICK	LEO
2	△	Change the structure/Size changes	01/Jul/25	NICK	LEO



Recommended P.C.Board Layout

SPECIFICATIONS

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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated  
 Bracket: zinc alloy

Ordering Information

FDB 18 06 - FM D B 3 XX XX K F  
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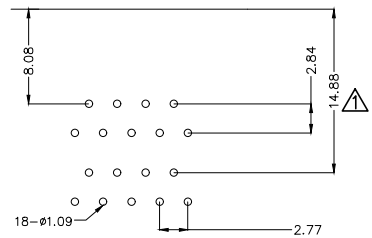
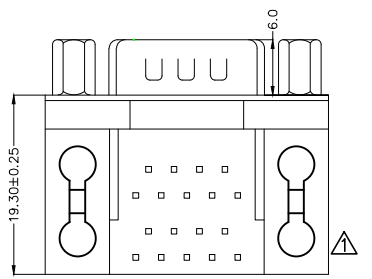
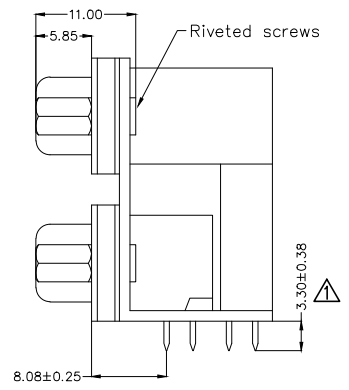
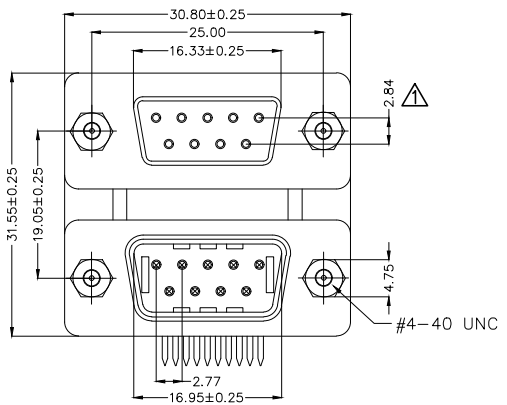
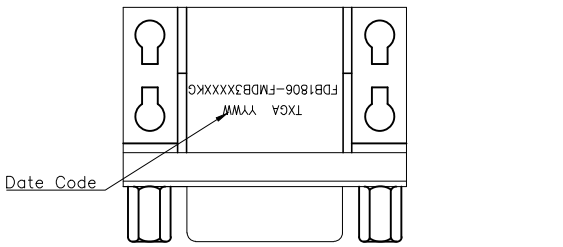
1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type F-Type F	

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.30 X.* ±5° X.X ±0.20 X.X* ±2° X.XX ±0.15 X.XX* ±1° X.XXX ±0.10 X.XXX* ±0.5°		APPROVE BY LEO	DATE 02/AUG/23	PART NO. FDB1806-FMDB3XXXXKF	ITEM NO. FDB1806	<p>Building Technology Cornerstone</p>
	DESIGN UNITS METRIC	CHECKED BY GISELLE	DATE 02/AUG/23	TITLE D-SUB Connectors 18Circuits 90° Angle Female+Male		REV 2	
SCALE 5:1	SIZE A4	DRAWN BY NICK	DATE 02/AUG/23	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
1	△	Change the structure/Size changes	13/Jan/25	NICK	LEO



Recommended P.C.Board Layout

SPECIFICATIONS

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: Copper Alloy/ Selective gold in contact area, tin on tail  
 Shell: Spcc/ Nickel Plated  
 Board Lock: Copper Alloy/ Tin Plated  
 Screws: Copper Alloy/ Nickel Plated  
 Bracket: zinc alloy

Ordering Information

FDB 18 06 - FM D B 3 XX XX K G  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDB-D-SUB Connector	2 Circuits 18-18Circuits	3 Distinction No. 06	4 Type FM-Female+Male	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray	11 Distinction Type G-Type G	

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 02/AUG/23	PART NO. FDB1806-FMDB3XXXXKG	ITEM NO. FDB1806	 Building Technology Cornerstone
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 02/AUG/23	TITLE D-SUB Connectors 18Circuits 90° Angle Female+Male		
DESIGN UNITS METRIC	X.X ±0.20	X.X* ±2°	DRAWN BY NICK	DATE 02/AUG/23	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°				
		X.XXX ±0.10	X.XXX* ±0.5°				

1 2 3 4 5 6 7 8