

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

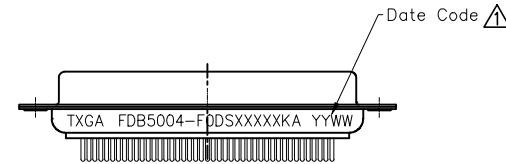
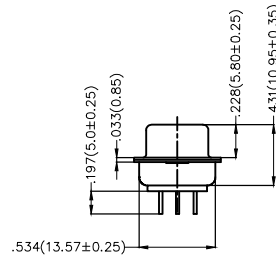
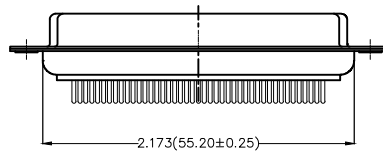
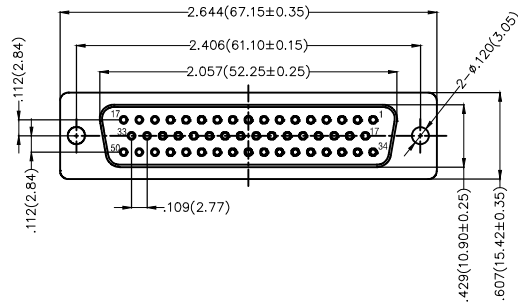
SPECIFICATIONS

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

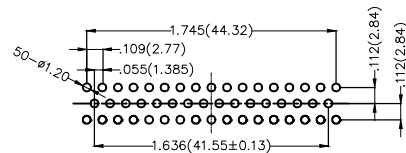
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated




Ordering Information

FDB 50 04 - F0 D S X XX XX K A
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 50-50 Circuits	3 Distinction No. 04	4 Type F0-Female	5 Assembly Layout D-DIP	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 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-A Type	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5004-F0DSXXXXXKA	ITEM NO. FDB5004	 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 connector 50 Circuits 180° Vertical Female	
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 1 SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

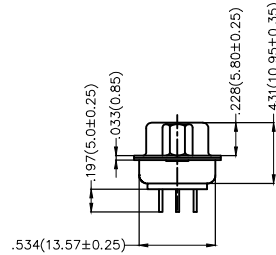
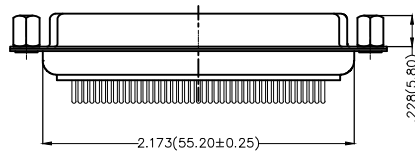
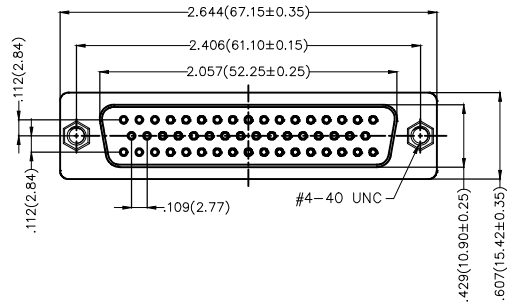
SPECIFICATIONS

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

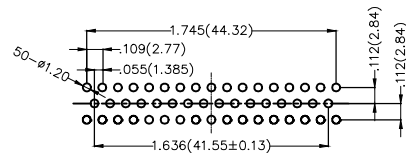
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated




Ordering Information

FDB 50 04 - F0 D S X XX XX K B
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 50-50 Circuits	3 Distinction No. 04	4 Type F0-Female	5 Assembly Layout D-DIP	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 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-B Type	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5004-F0DSXXXXXKB	ITEM NO. FDB5004	 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 connector 50 Circuits 180° Vertical Female	
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 1 SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

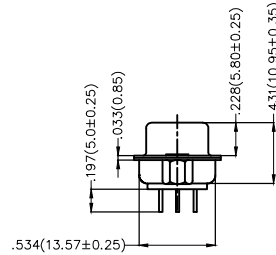
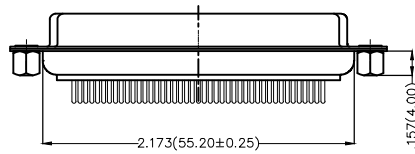
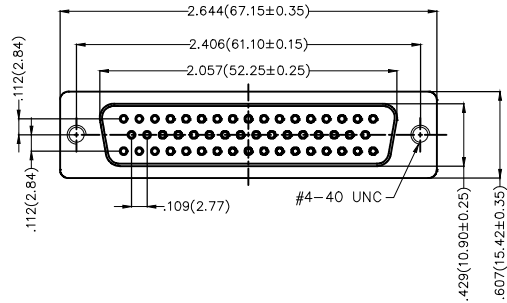
SPECIFICATIONS

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

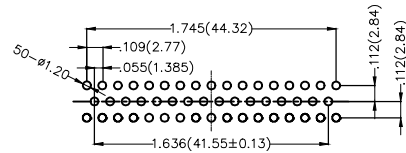
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated




Ordering Information

FDB 50 04 - F0 D S X XX XX K C
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 50-50 Circuits	3 Distinction No. 04	4 Type F0-Female	5 Assembly Layout D-DIP	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 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-C Type	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5004-F0DSXXXXXC	ITEM NO. FDB5004	 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 connector 50 Circuits 180° Vertical Female	
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 1 SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

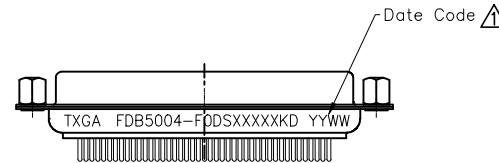
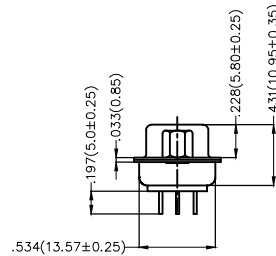
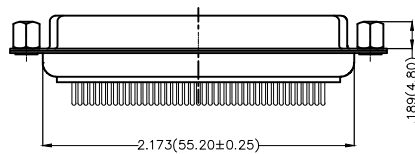
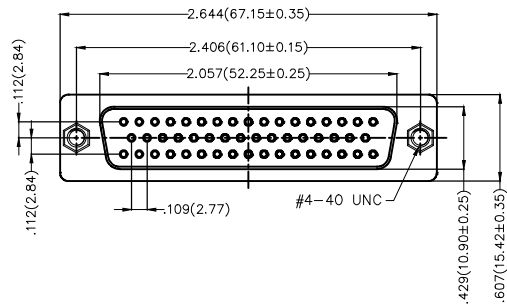
SPECIFICATIONS

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

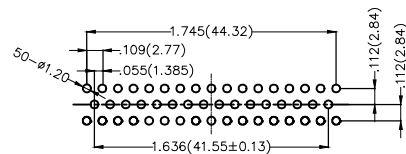
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated




Ordering Information

FDB 50 04 - F0 D S X XX XX K D
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB- D-SUB Connector	2	Circuits 50-50 Circuits	3	Distinction No. 04	4	Type F0-Female	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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-D Type		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5004-F0DSXXXXKD	ITEM NO. FDB5004	 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 connector 50 Circuits 180° Vertical Female		REV 1
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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

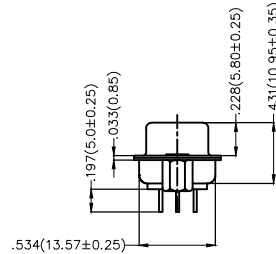
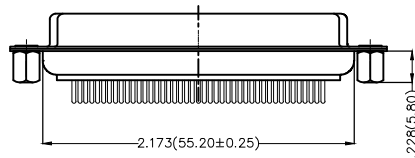
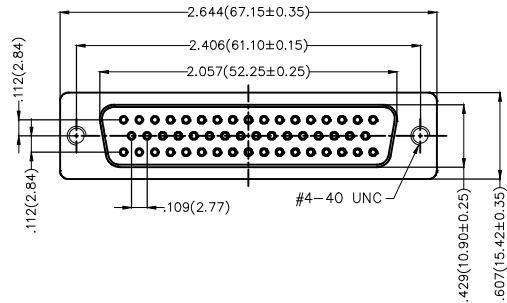
SPECIFICATIONS

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

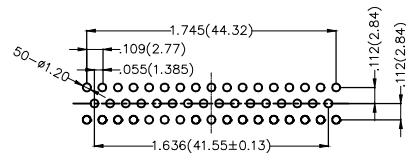
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated




Ordering Information

FDB 50 04 - F0 D S X XX XX K E
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 50-50 Circuits	3 Distinction No. 04	4 Type F0-Female	5 Assembly Layout D-DIP	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 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-E Type	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5004-F0DSXXXXXKE	ITEM NO. FDB5004	 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 connector 50 Circuits 180° Vertical Female	
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 1 SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD
1	△	Size changes	15/NOV/21	MATT	CHERRY
2	△	Add marking code	13/Jan/25	NICK	LEO

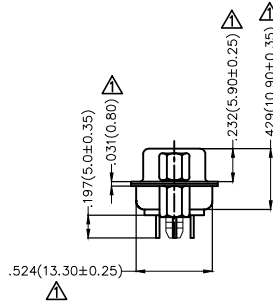
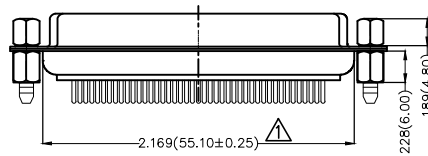
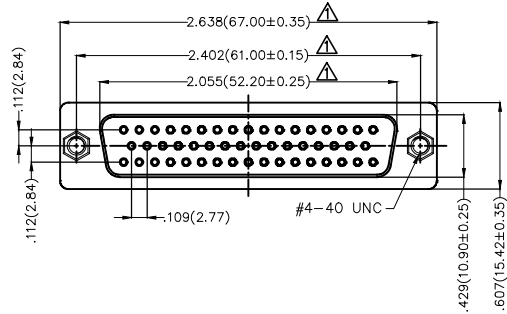
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -55°C~+105°C

Material and plating

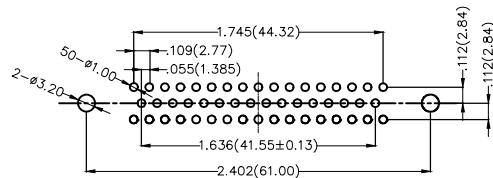
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated



Ordering Information

FDB 50 04 - F0 D S X XX XX K F
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB- D-SUB Connector	2	Circuits 50-50 Circuits	3	Distinction No. 04	4	Type F0-Female	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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-F Type		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	FRANK	28/JUN/13	FDB5004-F0DSXXXXXKF	FDB5004	D-SUB connector 50 Circuits 180° Vertical Female	
SCALE	SIZE	X.XX±.008(0.20)	.X'±2°	CHECKED 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		REV 2	SHEET NO. 1/1
5:1	A4	X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE				
		X.XXX±.004(0.10)	.XXX'±0.5°	CHERRY	28/JUN/13				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add marking code	13/Jan/25	NICK	LEO

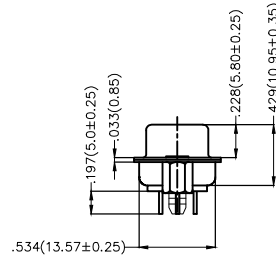
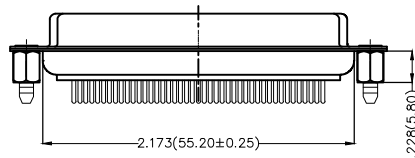
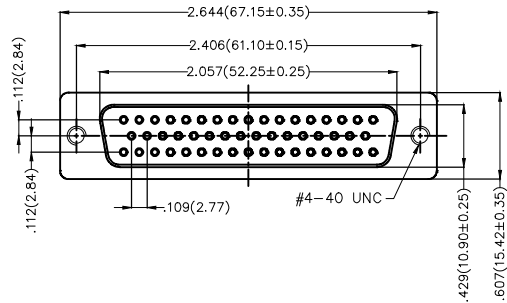
SPECIFICATIONS

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

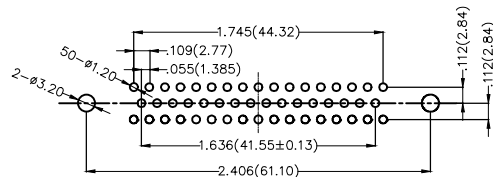
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated




Ordering Information

FDB 50 04 - F0 D S X XX XX K G
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB- D-SUB Connector	2	Circuits 50-50 Circuits	3	Distinction No. 04	4	Type F0-Female	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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-G Type		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5004-F0DSXXXXXKG	ITEM NO. FDB5004	 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 connector 50 Circuits 180° Vertical Female		REV 1
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			