

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

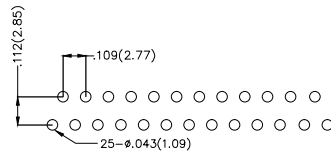
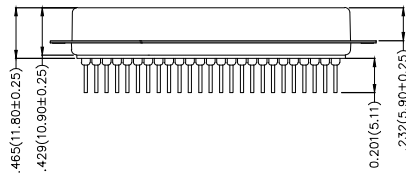
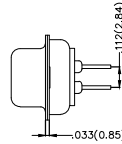
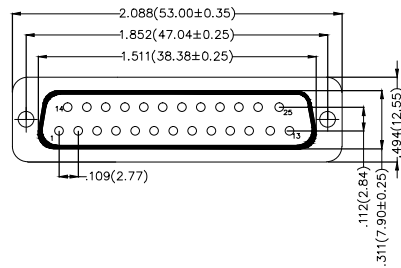
SPECIFICATIONS

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/ Gold plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 — F0 D S X XX XX X A
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type A-A Type	

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY FRANK</p>	<p>DATE 28/JUN/13</p>	<p>PART NO. FDB2503-FODSXXXXXXA</p>	<p>ITEM NO. FDB2503</p>	<p>Leader Of Industry</p>	
	<p>DESIGN UNITS Inch (metric)</p>	<p>X.X±.012(0.30)</p>	<p>X.±5'</p>	<p>CHECKED BY JACOB</p>	<p>DATE 28/JUN/13</p>	<p>TITLE D-SUB connector 25 Circuits 180° Vertical Female</p>		<p>REV 0</p>
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX±.006(0.15)</p>	<p>.XX±1'</p>	<p>DRAWN BY CHERRY</p>	<p>DATE 28/JUN/13</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>		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

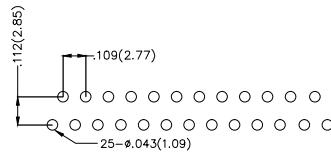
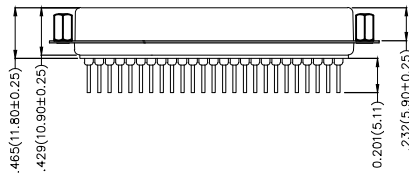
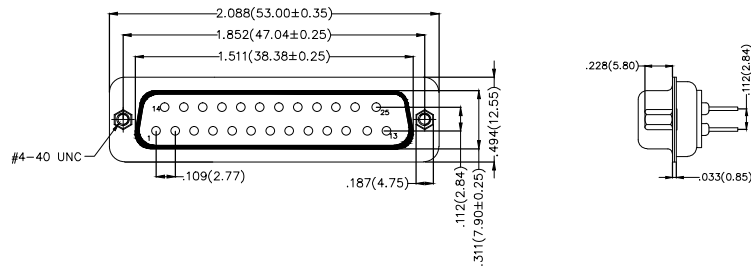
SPECIFICATIONS

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/ Gold plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 - F0 D S X XX XX X B
1 2 3 4 5 6 7 8 9 10 11

1 <u>Category</u> FDB- D-SUB Connector	2 <u>Circuits</u> 25-25 Circuits	3 <u>Distinction No.</u> 03	4 <u>Type</u> F0-Female	5 <u>Assembly Layout</u> D-DIP	6 <u>Entry Angle</u> S-180° Vertical
7 <u>Plating</u> 1-Gold Plated 3-Selective gold in contact area, tin on tail	8 <u>Thickness of Plating</u> 00-Gold Flash 03-3μ" Custom Plate Available	9 <u>Color-Resin</u> K6-Black U1-Blue	10 <u>Packaging</u> K-Tray L-Tube	11 <u>Distinction Type</u> B-B Type	

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY FRANK</p>	<p>DATE 28/JUN/13</p>	<p>PART NO. FDB2503-FODSXXXXXB</p>	<p>ITEM NO. FDB2503</p>	<p>Leader Of Industry</p>	
	<p>DESIGN UNITS Inch (metric)</p>	<p>X.X±.012(0.30)</p>	<p>X.±5'</p>	<p>CHECKED BY JACOB</p>	<p>DATE 28/JUN/13</p>	<p>TITLE D-SUB connector 25 Circuits 180° Vertical Female</p>		<p>REV 0</p>
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX±.006(0.15)</p>	<p>.XX±1'</p>	<p>DRAWN BY CHERRY</p>	<p>DATE 28/JUN/13</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>		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

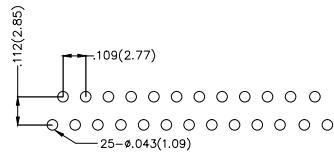
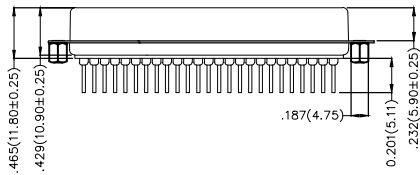
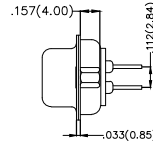
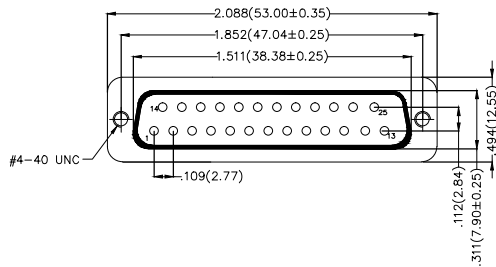
SPECIFICATIONS

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/ Gold plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 — F0 D S X XX XX X C
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type C-C Type
-------------------------------------------------------------------------------	-------------------------------------------------------------------------------	----------------------------------------	------------------------------------	-----------------------------------

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2503-FODSXXXXXXC	ITEM NO. FDB2503	<p>Leader Of Industry</p>	
	X.X±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 25 Circuits 180° Vertical Female			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	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		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'					
		X.XXX±.004(0.10)	.XXX'±0.5'					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

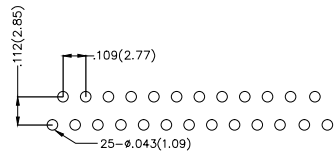
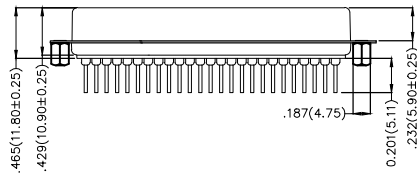
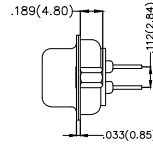
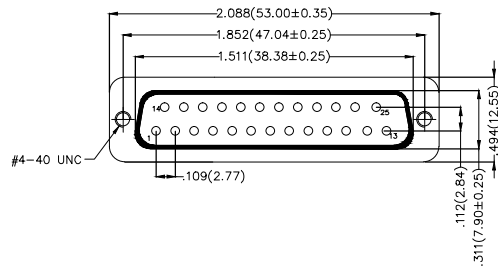
SPECIFICATIONS

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/ Gold plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 - F0 D S X XX XX X D
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type D-D Type	

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY FRANK</p>	<p>DATE 28/JUN/13</p>	<p>PART NO. FDB2503-FODSXXXXXD</p>	<p>ITEM NO. FDB2503</p>	<p>Leader Of Industry</p>	
	<p>DESIGN UNITS Inch (metric)</p>	<p>X.X±.012(0.30)</p>	<p>X.±5'</p>	<p>CHECKED BY JACOB</p>	<p>DATE 28/JUN/13</p>	<p>TITLE D-SUB connector 25 Circuits 180° Vertical Female</p>		<p>REV 0</p>
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX±.006(0.15)</p>	<p>.XX±1'</p>	<p>DRAWN BY CHERRY</p>	<p>DATE 28/JUN/13</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>		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

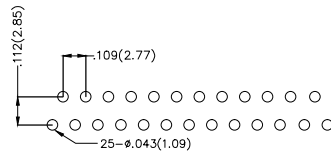
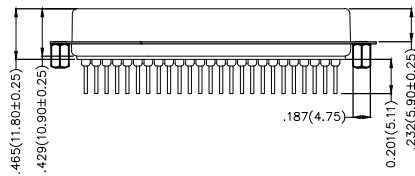
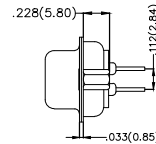
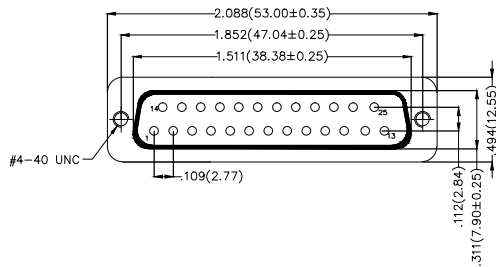
SPECIFICATIONS

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/ Gold plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 - F0 D S X XX XX X E
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type E-E Type
-------------------------------------------------------------------------------	-------------------------------------------------------------------------------	----------------------------------------	------------------------------------	-----------------------------------

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2503-FODSXXXXXE	ITEM NO. FDB2503	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.X±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 25 Circuits 180° Vertical Female		REV 0
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	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

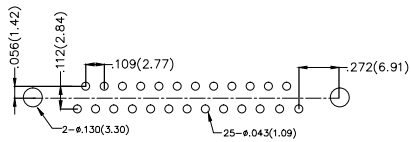
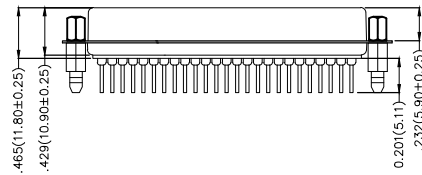
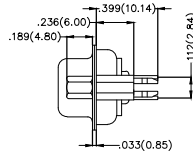
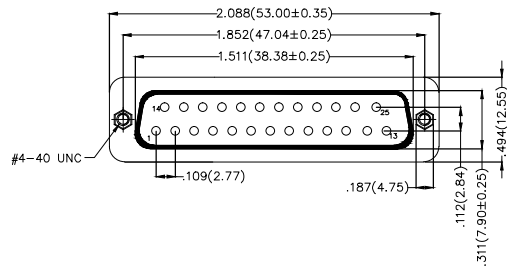
SPECIFICATIONS

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
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 - F0 D S X XX XX X F
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type F-F Type
-------------------------------------------------------------------------------	-------------------------------------------------------------------------------	----------------------------------------	------------------------------------	-----------------------------------

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY FRANK</p>	<p>DATE 28/JUN/13</p>	<p>PART NO. FDB2503-FODSXXXXXXF</p>	<p>ITEM NO. FDB2503</p>	<p>Leader Of Industry</p>	
	<p>DESIGN UNITS Inch (metric)</p>	<p>X.±.012(0.30)</p>	<p>X.±5'</p>	<p>CHECKED BY JACOB</p>	<p>DATE 28/JUN/13</p>	<p>TITLE D-SUB connector 25 Circuits 180° Vertical Female</p>		<p>REV 0</p>
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX±.006(0.15)</p>	<p>.XX±1'</p>	<p>DRAWN BY CHERRY</p>	<p>DATE 28/JUN/13</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>		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

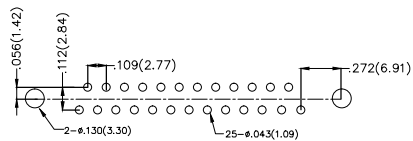
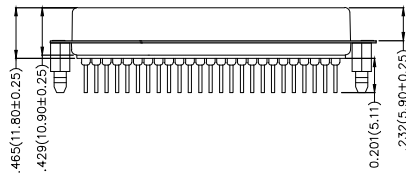
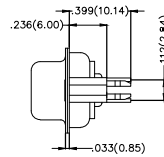
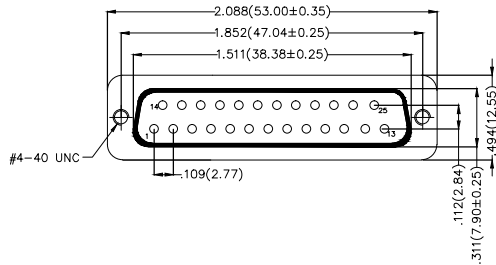
SPECIFICATIONS

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/ Gold plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 — F0 D S X XX XX X G
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type G-G Type
-------------------------------------------------------------------------------	-------------------------------------------------------------------------------	----------------------------------------	------------------------------------	-----------------------------------

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2503-FODSXXXXXXG	ITEM NO. FDB2503	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.X±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 25 Circuits 180° Vertical Female		REV 0
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	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

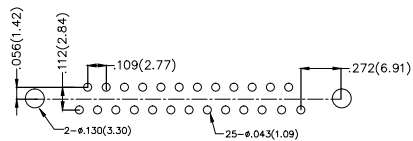
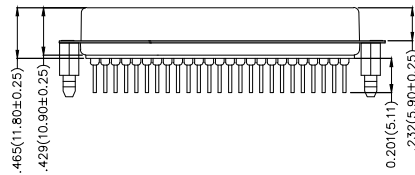
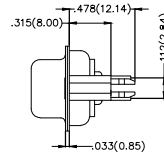
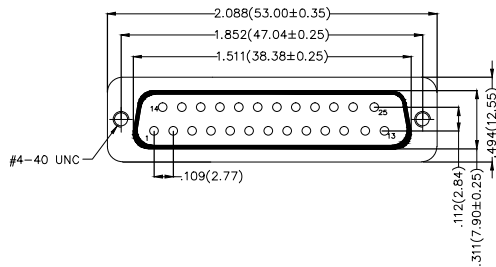
SPECIFICATIONS

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
Screws: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB 25 03 - F0 D S X XX XX X H
1 2 3 4 5 6 7 8 9 10 11

1 Category FDB- D-SUB Connector	2 Circuits 25-25 Circuits	3 Distinction No. 03	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 L-Tube	11 Distinction Type H-H Type	

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY FRANK</p>	<p>DATE 28/JUN/13</p>	<p>PART NO. FDB2503-FODSXXXXXXH</p>	<p>ITEM NO. FDB2503</p>	<p>Leader Of Industry</p>	
	<p>DESIGN UNITS Inch (metric)</p>	<p>X.X±.012(0.30)</p>	<p>X.±5'</p>	<p>CHECKED BY JACOB</p>	<p>DATE 28/JUN/13</p>	<p>TITLE D-SUB connector 25 Circuits 180° Vertical Female</p>		<p>REV 0</p>
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX±.006(0.15)</p>	<p>.XX±1'</p>	<p>DRAWN BY CHERRY</p>	<p>DATE 28/JUN/13</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>		