

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size & structure changes	29/OCT/21	MATT	CHERRY
2	△	Size changes	23/FEB/22	MATT	CHERRY
3	△	Add spray 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

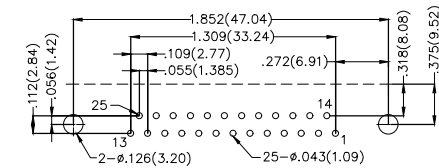
Material and plating

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

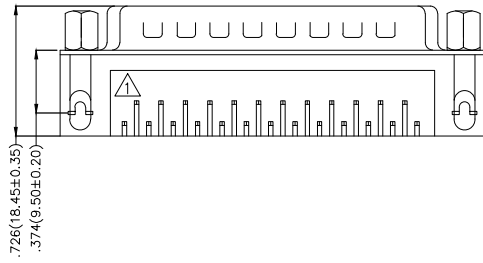
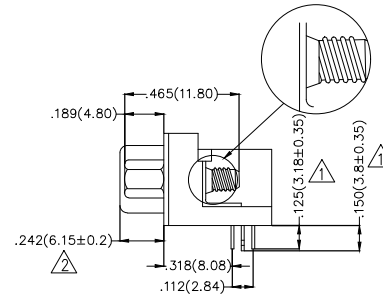
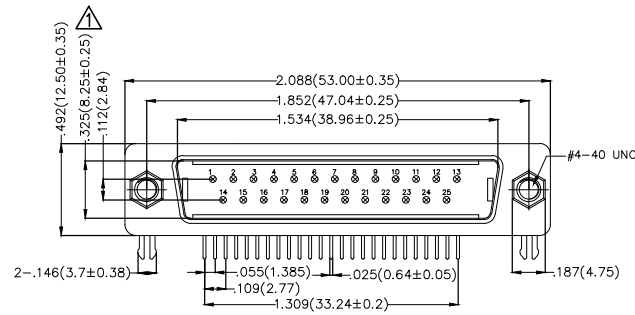
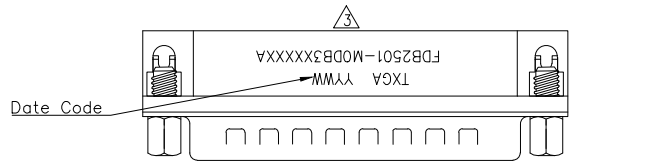
Ordering Information


FDB 25 01 — M0 D B 3 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. 01	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold on 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		



Recommended P.C. Board Layout



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2501-MODB3XXXXXA	ITEM NO. FDB2501	 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 25 Circuits 90° Angle Male		REV 3
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	△	Size & structure changes	29/OCT/21	MATT	CHERRY
2	△	Size changes	23/FEB/22	MATT	CHERRY
3	△	Add spray 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

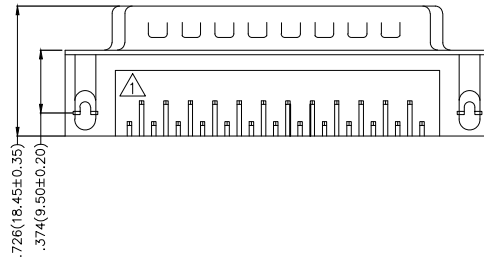
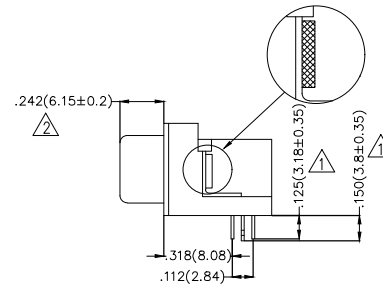
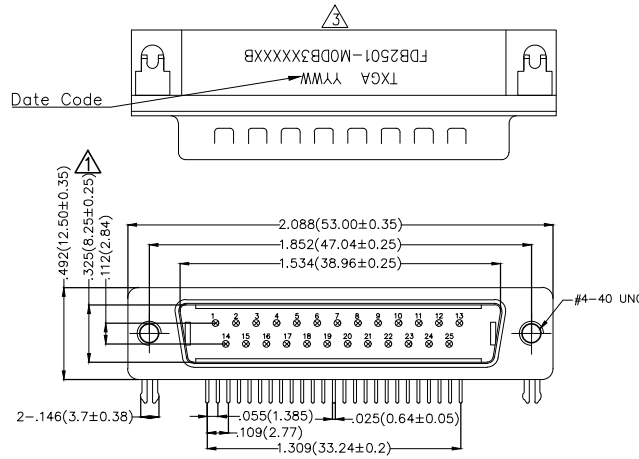
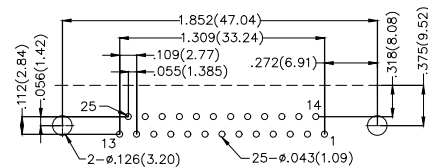
Housing: PBT UL 94V-0
Contact: Copper Alloy/
Selective gold on contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated


Ordering Information

FDB 25 01 — M0 D B 3 XX XX X B
1 2 3 4 5 6 7 8 9 10 11

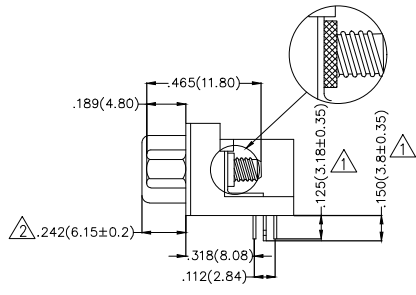
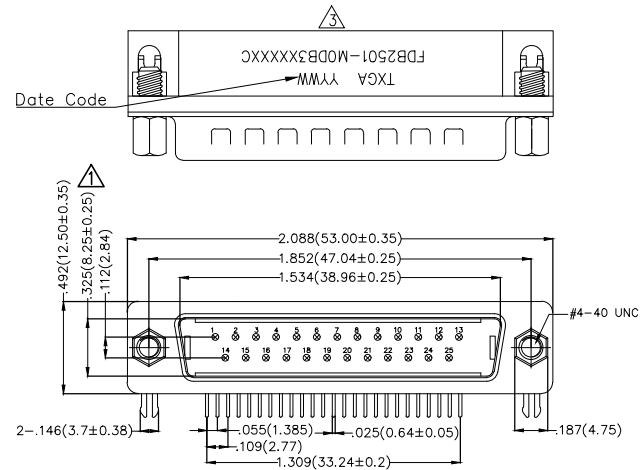
1	Category FDB- D-SUB Connector	2	Circuits 25-25 Circuits	3	Distinction No. 01	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold on contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 03-3μ" Custom Plate Available	9	Color-Resin K6-Black U1-Blue	10	Packaging K-Tray L-Tube	11	Distinction Type B-B Type		

Recommended P.C.Board Layout



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2501-M0DB3XXXXXB	ITEM NO. FDB2501	 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' X.X'±1' X.XXX'±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 25 Circuits 90° Angle Male		REV 3
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			

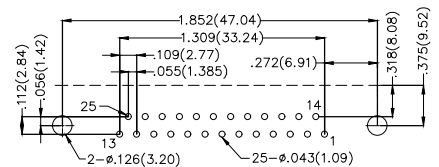
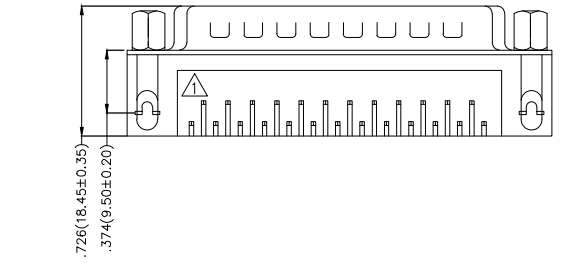
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size & structure changes	29/OCT/21	MATT	CHERRY
2	△	Size changes	23/FEB/22	MATT	CHERRY
3	△	Add spray code	13/Jan/25	NICK	LEO



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/
 Selective gold on 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

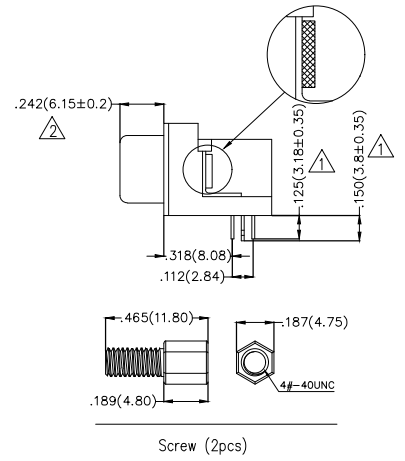
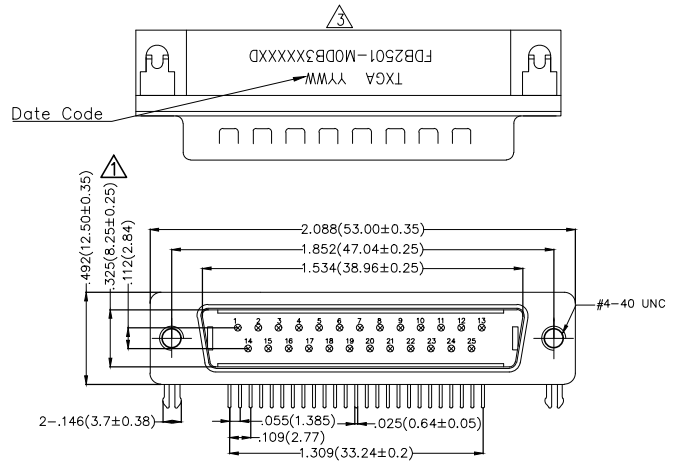
Ordering Information

FDB 25 01 - M0 D B 3 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. 01	4	Type MO-Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold on 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		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2501-MODB3XXXXXC	ITEM NO. FDB2501	 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 25 Circuits 90° Angle Male		REV 3
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			

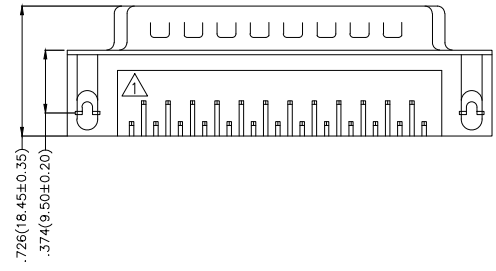
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size & structure changes	29/OCT/21	MATT	CHERRY
2	△	Size changes	23/FEB/22	MATT	CHERRY
3	△	Add spray code	13/Jan/25	NICK	LEO



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

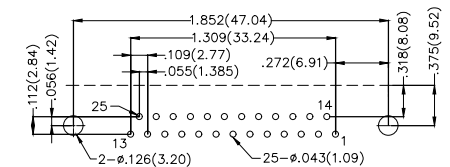
Material and plating
 Housing: PBT UL 94V-0
 Contact: Copper Alloy/
 Selective gold on contact area, tin on tail
 Shell: SPCC/ Nickel Plated
 Board Lock: Copper Alloy/ Tin Plated
 Screws: Copper Alloy/ Nickel Plated



Ordering Information

FDB 25 01 - M0 D B 3 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. 01	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold on 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		



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.±0.012(0.30)	X.±5'		FRANK	28/JUN/13	FDB2501-MODB3XXXXXD	FDB2501	REV 3	SHEET NO. 1/1
	X.X±.008(0.20)	.X'±2'		CHECKED BY	DATE	TITLE D-SUB connector 25 Circuits 90° Angle Male			
SCALE	X.XX±.006(0.15)	.XX'±1'		JACOB	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			
SIZE	X.XXX±.004(0.10)	.XXX'±0.5'		DRAWN BY	DATE				
5:1				CHERRY	28/JUN/13				

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

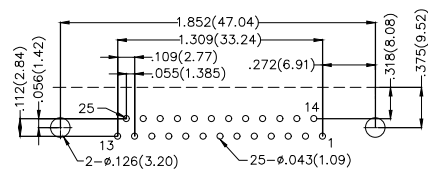
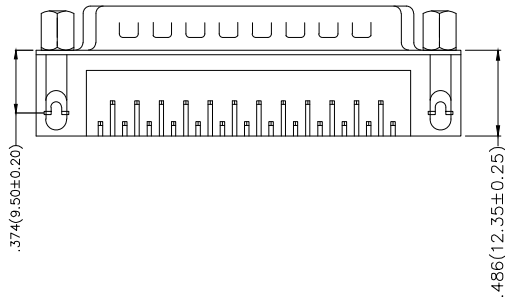
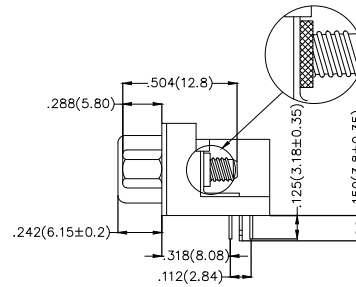
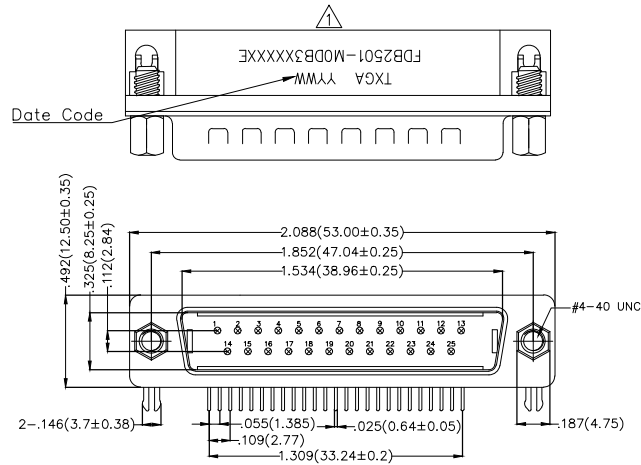
SPECIFICATIONS

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/
Selective gold on 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 01 - M0 D B 3 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. 01	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold on 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		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB2501-MODB3XXXXXE	ITEM NO. FDB2501	 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' X.X'±1" X.XXX'±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 25 Circuits 90° Angle Male		REV 3
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			