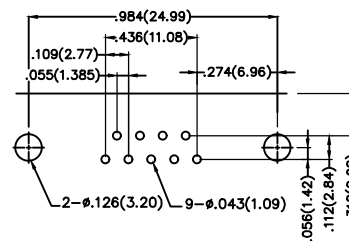
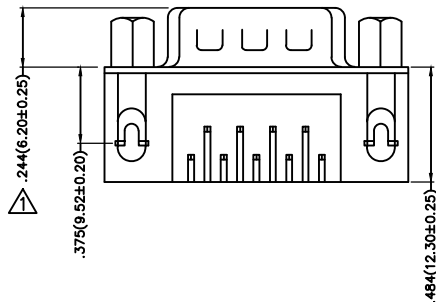
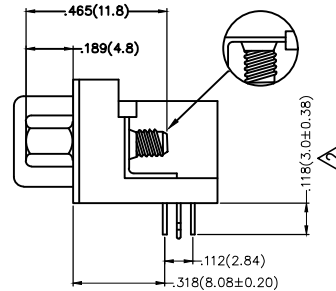
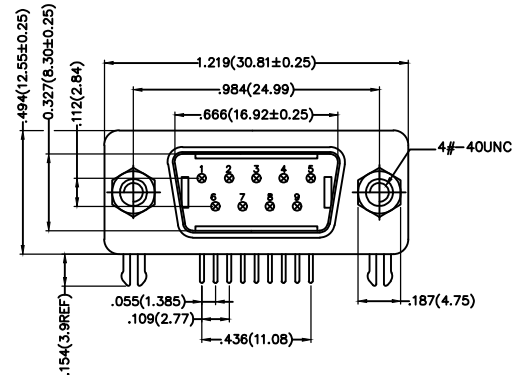
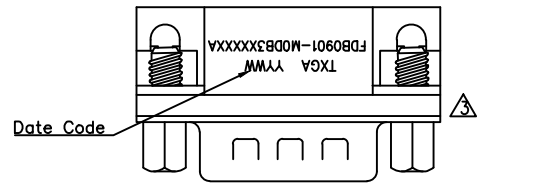


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	22/JUN/21	KATE	CHERRY
2		Update dimension and Tolerance	03/SEP/24	MATT	LEO
3		Add spray code	13/Jan/25	NICK	LEO



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: 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

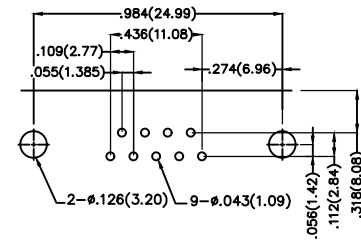
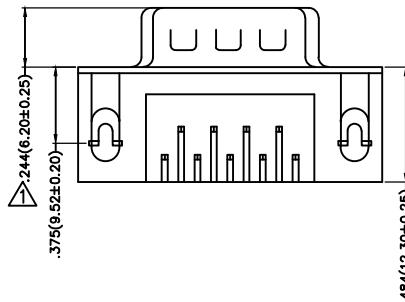
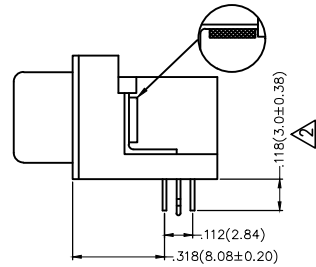
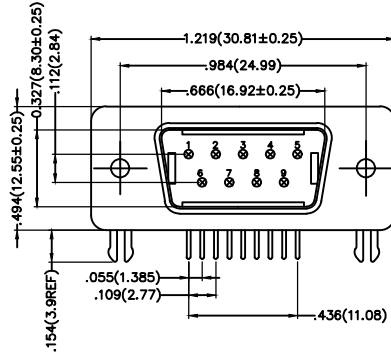
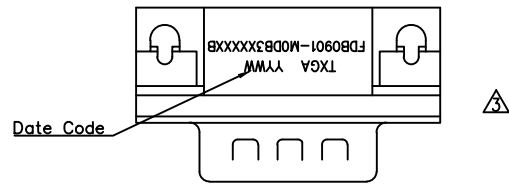
Ordering Information

FDB 09 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 Connectors	2	Circuits 09-9Circuits	3	Distinction No. 01	4	Type M0-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 L-Tube K-Tray	11	Distinction Type A-A Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB0901-MODB3XXXXXA	ITEM NO. FDB0901	 Building Technology Cornerstone	
		X.±.012(0.30)	X'.±5"	CHECKED BY	DATE	TITLE D-SUB Connectors 9 Circuits 90° Angle Male			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'.±2"	JACOB	28/JUN/13			REV 3	SHEET NO. 1/1
SCALE 5:1	SIZE 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				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	26/OCT/21	MATT	CHERRY
2		Update dimension and Tolerance	03/SEP/24	MATT	LEO
3		Add spray code	13/Jan/25	NICK	LEO



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

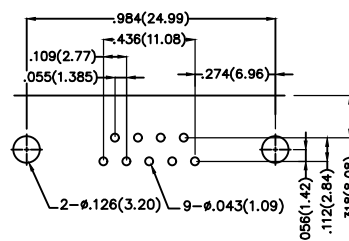
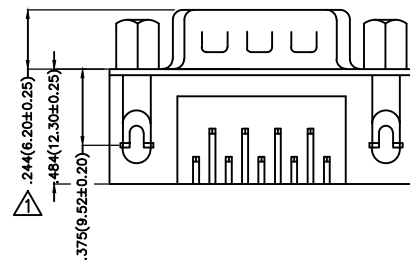
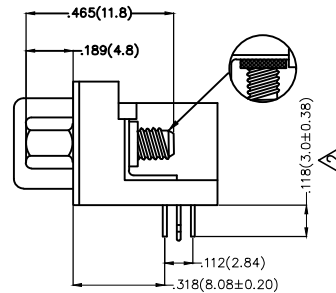
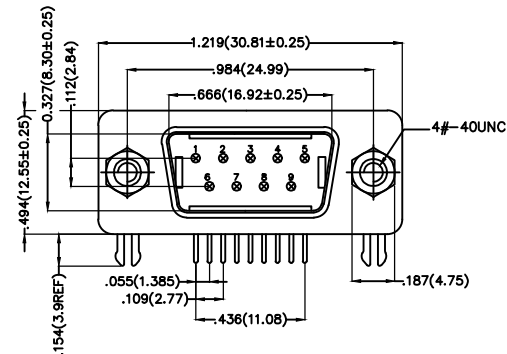
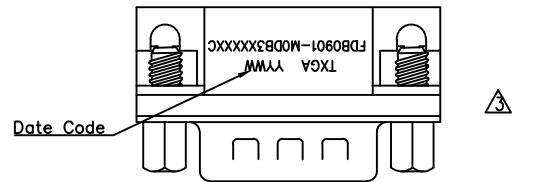
Ordering Information

FDB 09 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 Connectors	2	Circuits 09—9Circuits	3	Distinction No. 01	4	Type M0—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 L—Tube K—Tray	11	Distinction Type B—B Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB0901—MODB3XXXXXB	ITEM NO. FDB0901	 Building Technology Cornerstone	
DESIGN UNITS Inch (metric)		X±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE D—SUB Connectors 9 Circuits 90° Angle Male		REV 3	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 5:1	SIZE 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			

	6	7	8
REV	LOCATIONS	DESCRIPTION	DATE
1		Size changes	22/JUN/21
2		Update dimension and Tolerance	03/SEP/24
3		Add spray code	13/JAN/25



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 M Ω MIN

Withstanding Voltage: 500V AC r.m.s

Temperature Range—Operating: $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Material and Plating

Housing: PBT(UL 94V-0)

Contact Pin: Phosphor Bronze

Plating: Selective gold in contact area, tin on tail

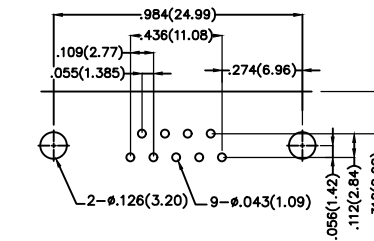
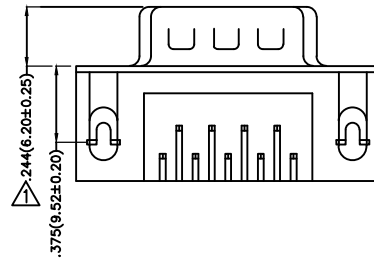
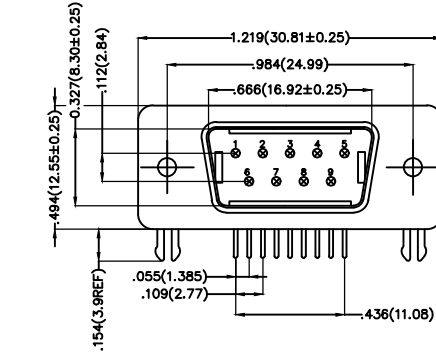
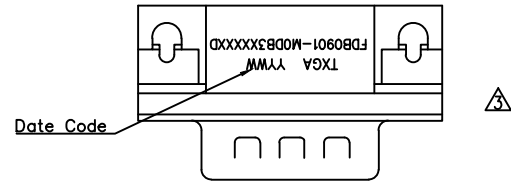
Ordering Information

<u>FDB</u>	<u>09</u>	<u>01</u>	—	<u>MO</u>	<u>D</u>	<u>B</u>	<u>3</u>	<u>XX</u>	<u>XX</u>	<u>X</u>	<u>C</u>
1	2	3		4	5	6	7	8	9	10	11

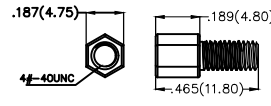
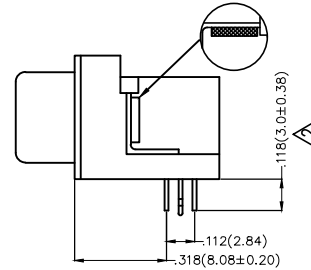
1	<u>Category</u> FDB-D-SUB Connectors	2	<u>Circuits</u> 09-9Circuits	3	<u>Distinction No.</u> 01	4	<u>Type</u> M0-Male	5	<u>Assembly Layout</u> D-DIP	6	<u>Entry Angle</u> B-90° Angle
7	<u>Plating</u> 3-Selective gold in contact area, tin on tail	8	<u>Thickness of Plating</u> 00-Gold Flash 03-3μ Custom plate available	9	<u>Color-Resin</u> K6-Black U1-Blue	10	<u>Packaging</u> L-Tube K-Tray	11	<u>Distinction Type</u> C-C Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB0901-MODB3XXXXXC	ITEM NO. FDB0901	 Building Technology Cornerstone	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE D-SUB Connectors 9 Circuits 90° Angle Male			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	JACOB	28/JUN/13			REV 2	
		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 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°	CHERRY	28/JUN/13				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	20/OCT/21	MATT	CHERRY
2		Update dimension and Tolerance	03/SEP/24	MATT	LEO
3		Add spray code	13/Jan/25	NICK	LEO



Recommended P.C.Board Layout



Screw (2pcs)

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

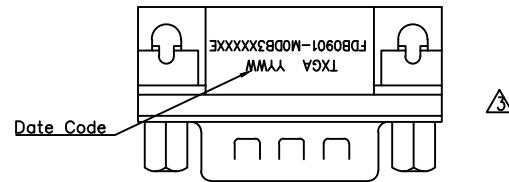
Ordering Information

FDB 09 01 — M0 D B 3 XX XX X D
1 2 3 4 5 6 7 8 9 10 11

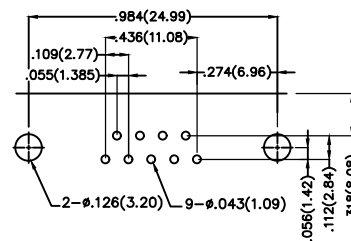
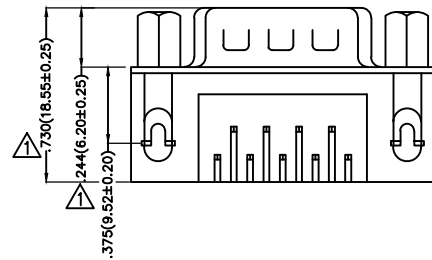
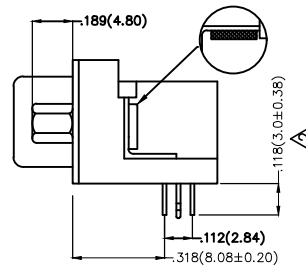
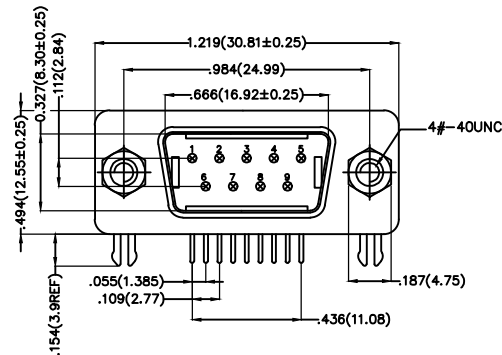
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7	Plating 3-Selective gold in contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging L-Tube K-Tray	11	Distinction Type D-D Type		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB0901-MODB3XXXXD	ITEM NO. FDB0901	 Building Technology Cornerstone	
	X.±.012(0.30)	X'.±5"	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB Connectors 9 Circuits 90° Angle Male		REV 3	SHEET NO. 1/1
	X.X±.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			
	X.XX±.006(0.15)	.XX'±1"						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5"					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	21/OCT/21	MATT	CHERRY
2		Update dimension and Tolerance	03/SEP/24	MATT	LEO
3		Add spray code	13/Jan/25	NICK	LEO



Date Code



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

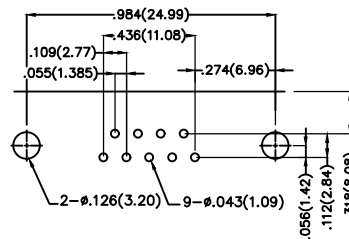
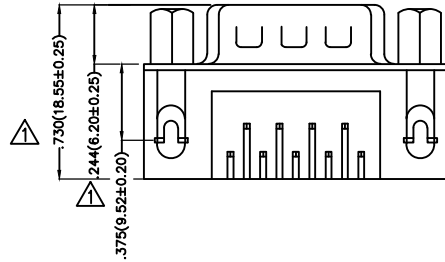
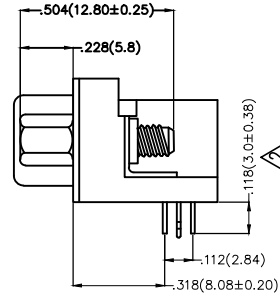
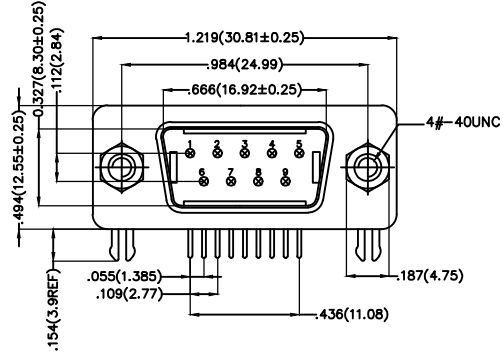
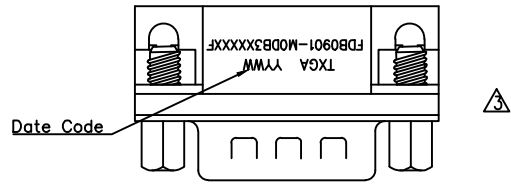
Ordering Information

FDB 09 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 Connectors	2	Circuits 09-9Circuits	3	Distinction No. 01	4	Type M0-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 L-Tube K-Tray	11	Distinction Type E-E Type		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB0901-M0DB3XXXXXE	ITEM NO. FDB0901	 Building Technology Cornerstone	
	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 9 Circuits 90° Angle 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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	05/NOV/21	MATT	CHERRY
2		Update dimension and Tolerance	03/SEP/24	MATT	LEO
3		Add spray code	13/Jan/25	NICK	LEO



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

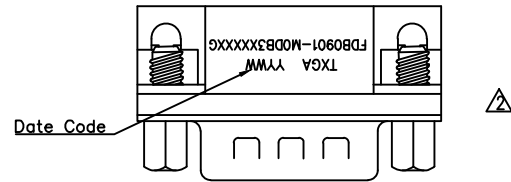
Ordering Information

FDB 09 01 — M0 D B 3 XX XX X F
1 2 3 4 5 6 7 8 9 10 11

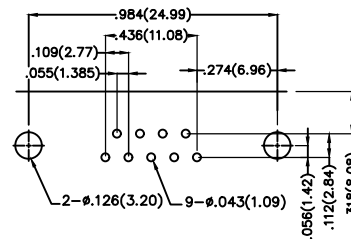
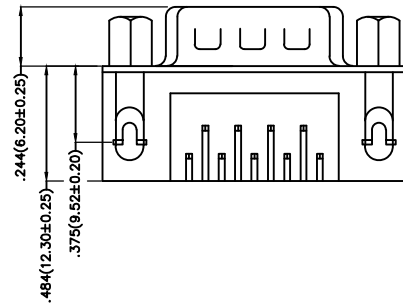
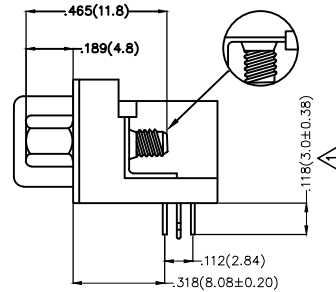
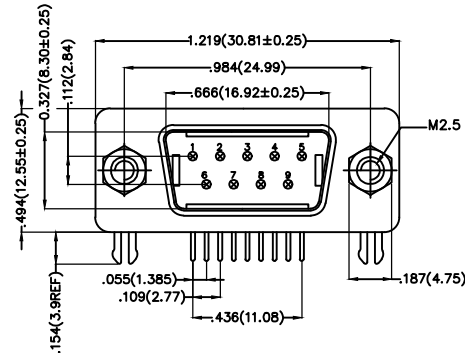
1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	3	Distinction No. 01	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle B-90° Angle
7	Plating 3-Selective gold in contact area, tin on tail	8	Thickness of Plating 00-Gold Flash 03-3μ" Custom plate available	9	Color-Resin K6-Black U1-Blue	10	Packaging L-Tube K-Tray	11	Distinction Type F-F Type		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB0901-MODB3XXXXXF	ITEM NO. FDB0901	 Building Technology Cornerstone		
	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 Connectors 9 Circuits 90° Angle Male		REV 3	SHEET NO. 1/1
	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		Update dimension and Tolerance	03/SEP/24	MATT	LEO
2		Add spray code	13/Jan/25	NICK	LEO



Date Code



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 on contact area, tin on tail

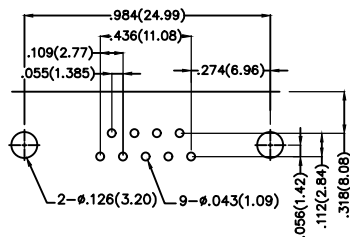
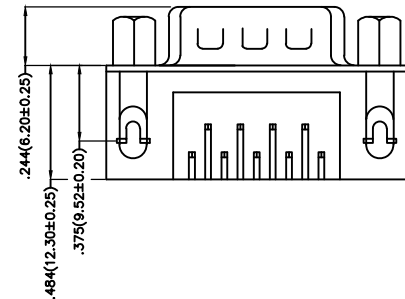
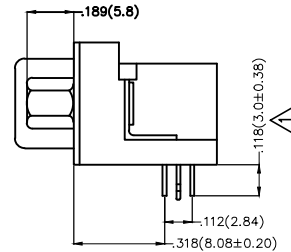
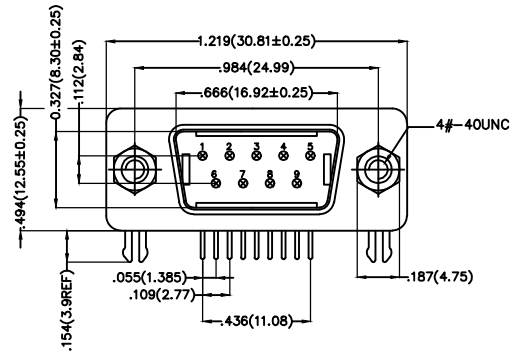
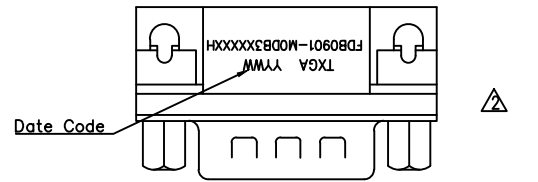
Ordering Information

FDB 09 01 — M0 D B 3 XX XX X G
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	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 L-Tube K-Tray	11	Distinction Type G-G Type		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 31/AUG/22	PART NO. FDB0901-M0DB3XXXXXG	ITEM NO. FDB0901	 Building Technology Cornerstone	
		X±.012(0.30)	X'±5"	CHECKED BY JACOB	DATE 31/AUG/22	TITLE D-SUB Connectors 9 Circuits 90° Angle Male			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2"	DRAWN BY MATT	DATE 31/AUG/22	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
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
1		Update dimension and Tolerance	03/SEP/24	MATT	LEO
2		Add spray code	13/Jan/25	NICK	LEO



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 on contact area, tin on tail

Ordering Information

FDB 09 01 — M0 D B 3 XX XX X H
1 2 3 4 5 6 7 8 9 10 11

1	Category FDB-D-SUB Connectors	2	Circuits 09-9Circuits	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 L-Tube K-Tray	11	Distinction Type H-H Type		

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 31/AUG/22	PART NO. FDB0901-M0DB3XXXXXH		ITEM NO. FDB0901	 Building Technology Cornerstone	
THIRD ANGLE PROJECTION				CHECKED BY	DATE	TITLE D-SUB Connectors 9 Circuits 90° Angle Male		REV 2 SHEET NO. 1/1		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.°±5°	JACOB	31/AUG/22					
		X.X±.008(0.20)	.X°±2°	DRAWN BY MATT	DATE 31/AUG/22					
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX°±1°							
		X.XXX±.004(0.10)	.XXX°±0.5°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						