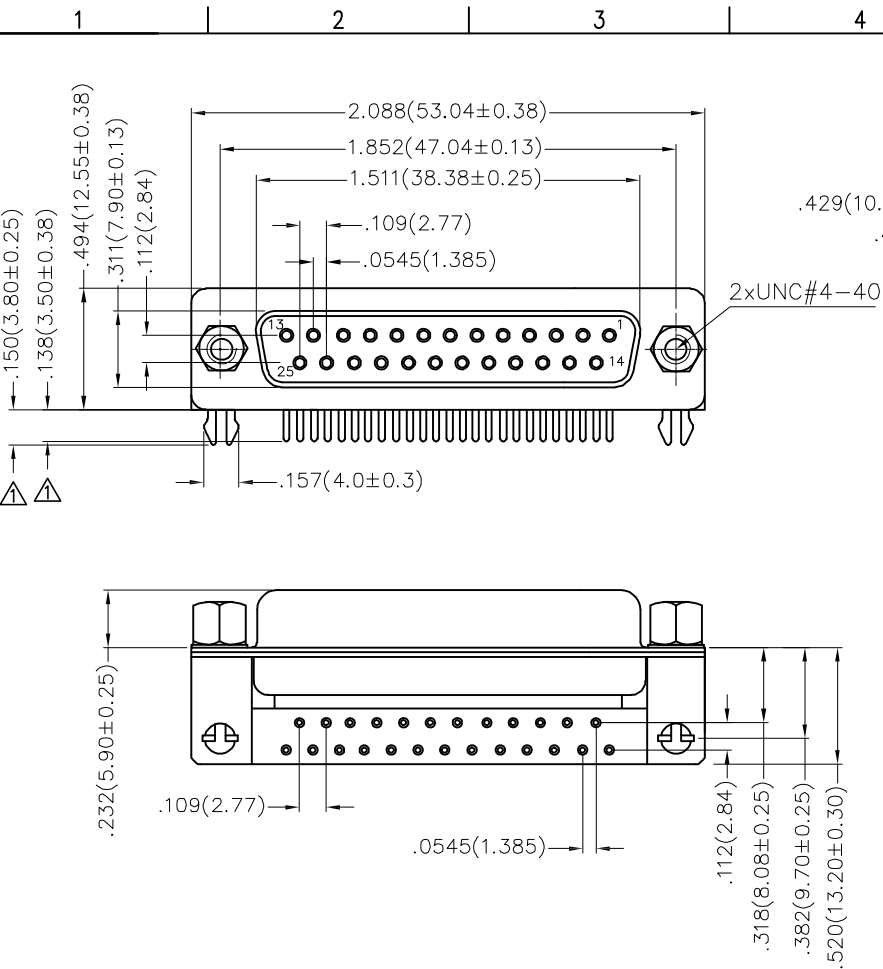
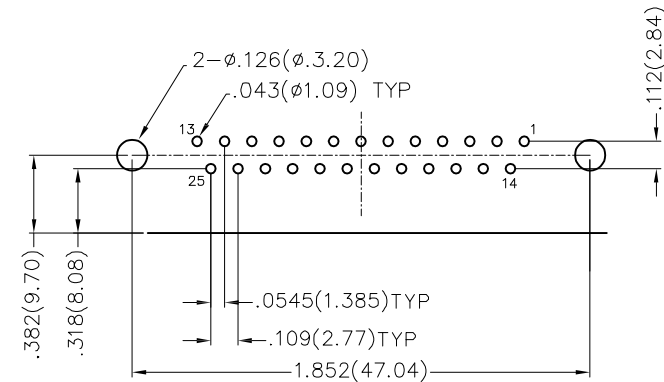




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	22/JUN/20	KATE	CHERRY
2	△	Update PCB Layout	25/NOV/21	MATT	CHERRY



Recommended P.C.Board Layout

Ordering Information

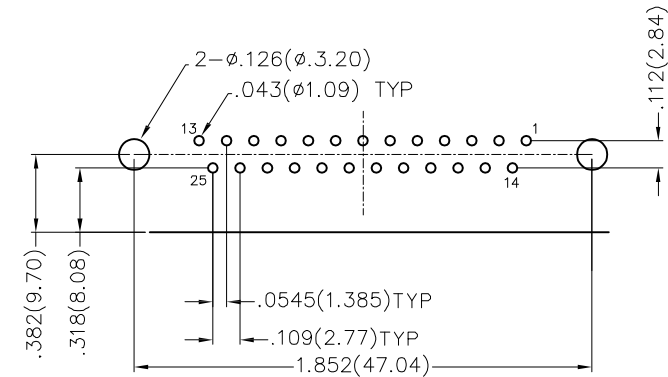
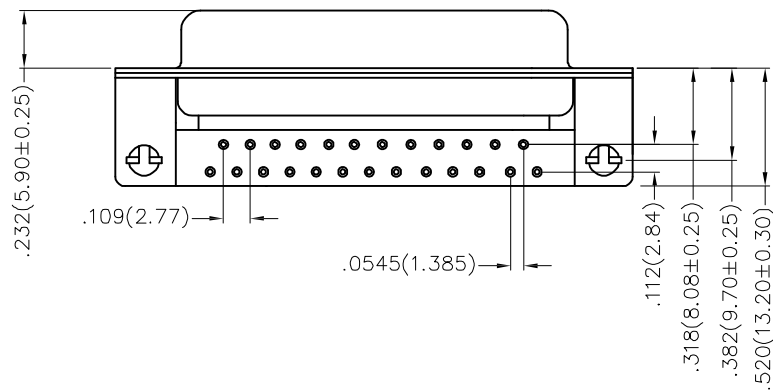
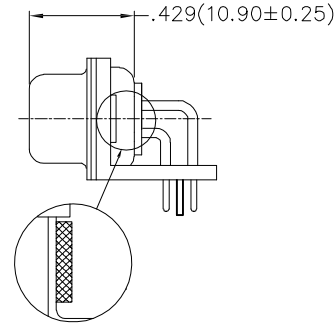
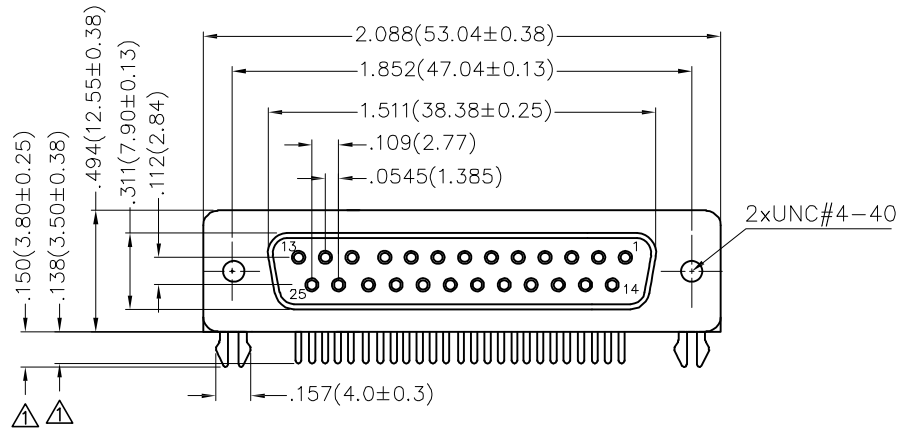
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1	2	3	4	5	6	7	8	9	10	

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDM-Machined pin D-SUB connector		25		01		F0-Female		D-DIP		B-90° Angle
7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging				
	1-Gold Plated		01-1µ" 03-3µ" Custom plate available		W1-White K6-Black		K-Tray L-Tube				

Materials And Finish
Shell: Spcc Material, Front Nickel Plated 80µ" Min
Back Shell Tin Plated 100µ" Min
Insulator: Glass Filled Thermoplastic, UL 94V-0
Contact Material: Brass /Gold Plated
Electrical Characteristic
Current Rating: 7.5A
Voltage Rating: 300V
Contact Resistance: 5mΩ Max
Dielectric Withstanding Voltage : 1000V AC r.m.s
Insulation Resistance: 5000 MΩ Min.
Temperature Range-Operating: -55°C ~ +105°C

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM2501-F0DB1XXXXX	ITEM NO. FDM2501-F0	 Leader Of Industry	
THIRD ANGLE PROJECTION		X.±.012(0.30)	X.±5'	CHECKED BY	DATE	TITLE Machined pin D-SUB connector 90° Angle Female			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2'	JACOB	28/JUN/13			REV 2	SHEET NO. 1/1
SCALE		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			
5:1		X.XXX±.004(0.10)	.XXX±0.5'	CHERRY	28/JUN/13				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	22/JUN/20	KATE	CHERRY
2	△	Update PCB Layout	25/NOV/21	MATT	CHERRY



Recommended P.C.Board Layout △

Ordering Information

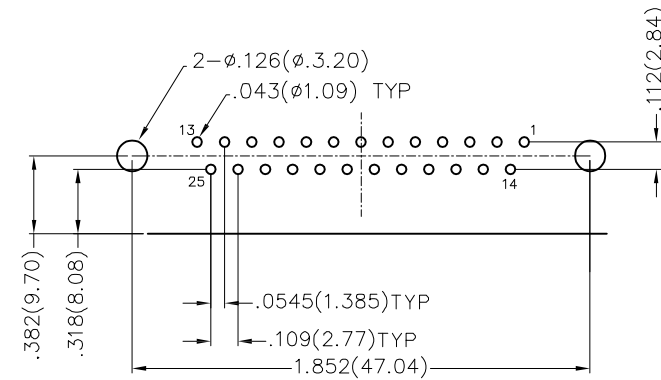
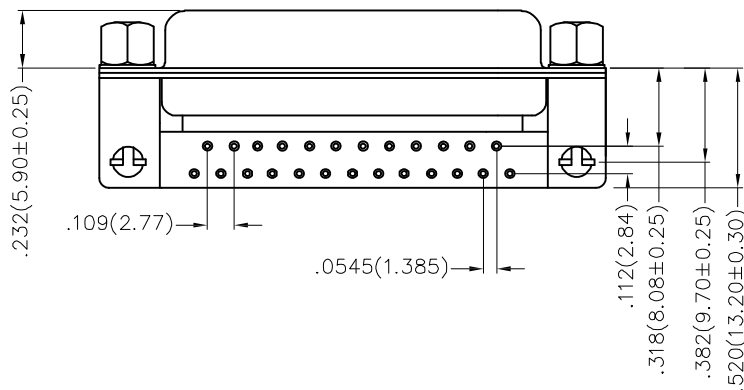
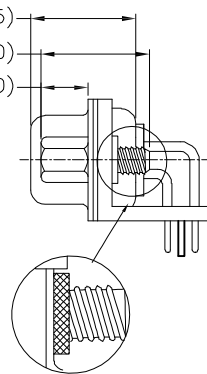
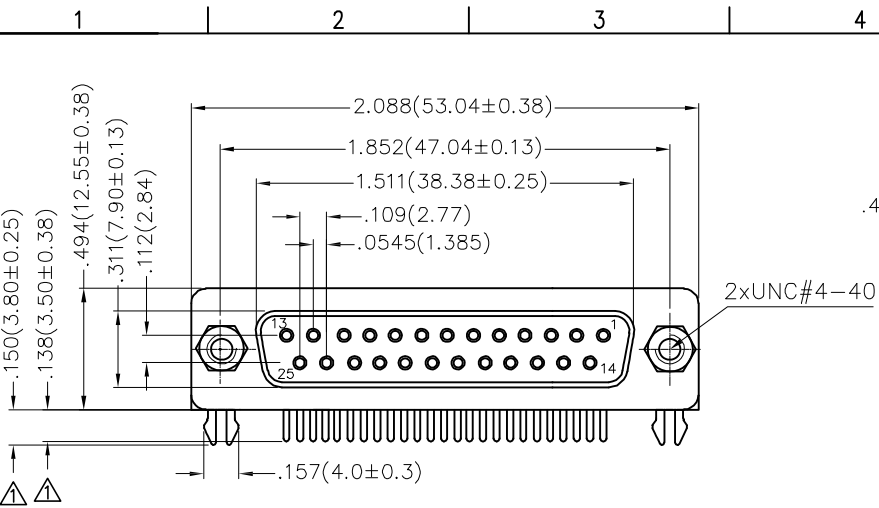
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1	2	3	4	5	6	7	8	9	10	11	

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDM-Machined pin D-SUB connector		25		01		F0-Female		D-DIP		B-90° Angle
7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging	11	Distinction Type		
	1-Gold Plated		01-1μ" 03-3μ" Custom plate available		W1-White K6-Black		K-Tray L-Tube		B-B Type		

Materials And Finish

Shell: Spcc Material, Front Nickel Plated 80μ" Min
Back Shell Tin Plated 100μ" Min
Insulator: Glass Filled Thermoplastic, UL 94V-0
Contact Material: Brass /Gold Plated
Electrical Characteristic
Current Rating: 7.5A
Voltage Rating: 300V
Contact Resistance: 5mΩ Max
Dielectric Withstanding Voltage : 1000V AC r.m.s
Insulation Resistance: 5000 MΩ Min.
Temperature Range-Operating: -55°C ~ +105°C

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM2501-F0DB1XXXXXB	ITEM NO. FDM2501-F0	 Leader Of Industry	
		X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Machined pin D-SUB connector 90° Angle Female	REV 2		
DESIGN UNITS Inch (metric)		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			
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'						
		X.XXX±.004(0.10)	.XXX'±0.5'						



Recommended P.C.Board Layout

Ordering Information

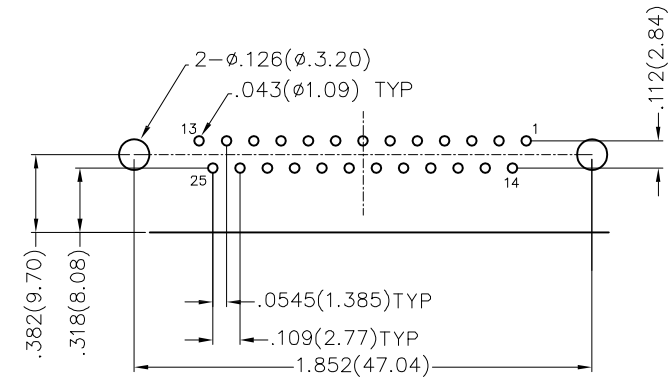
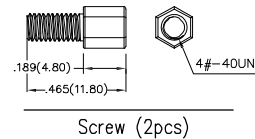
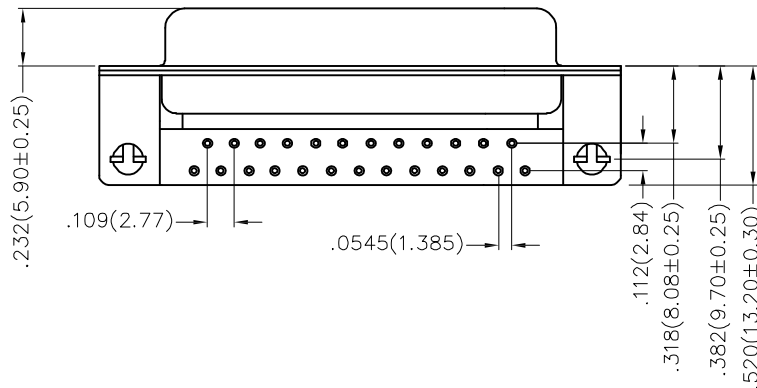
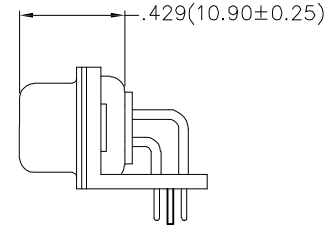
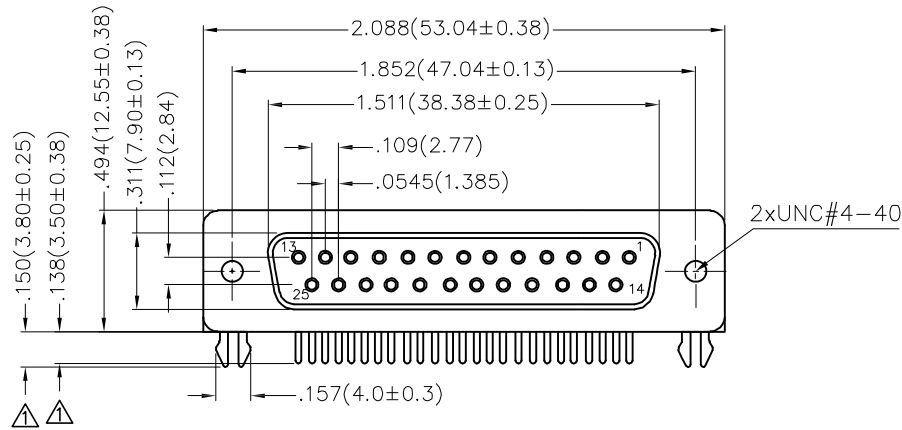
FDM	25	01	—	F0	D	B	1	XX	XX	X	C
1	2	3	4	5	6	7	8	9	10	11	

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDM—Machined pin D—SUB connector		25		01		F0—Female		D—DIP		B—90° Angle
7	Plating	8	Thickness of Plating	9	Color—Resin	10	Packaging	11	Distinction Type		
	1—Gold Plated		01—1μ" 03—3μ" Custom plate available		W1—White K6—Black		K—Tray L—Tube		C—C Type		

Materials And Finish
 Shell: Spcc Material, Front Nickel Plated 80μ" Min
 Back Shell Tin Plated 100μ" Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass /Gold Plated
 Electrical Characteristic
 Current Rating: 7.5A
 Voltage Rating: 300V
 Contact Resistance: 5mΩ Max
 Dielectric Withstanding Voltage : 1000V AC r.m.s
 Insulation Resistance: 5000 MΩ Min.
 Temperature Range—Operating: -55°C ~ +105°C

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM2501—F0DB1XXXXC	ITEM NO. FDM2501—F0	 Leader Of Industry		
		X.±.012(0.30)	X.±5'	CHECKED BY	DATE	TITLE				
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2'	JACOB	28/JUN/13	Machined pin D—SUB connector 90° Angle Female			REV 2	SHEET NO. 1/1
		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 change	22/JUN/20	KATE	CHERRY
2	△	Update PCB Layout	25/NOV/21	MATT	CHERRY



Recommended P.C.Board Layout △

Ordering Information

FDM 25 01 — F0 D B 1 XX XX X D
1 2 3 4 5 6 7 8 9 10 11

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDM-Machined pin D-SUB connector		25		01		F0-Female		D-DIP		B-90° Angle
7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging	11	Distinction Type		
	1-Gold Plated		01-1μ" 03-3μ" Custom plate available		W1-White K6-Black		K-Tray L-Tube		D-D Type		

Materials And Finish

Shell: Spcc Material, Front Nickel Plated 80μ" Min
Back Shell Tin Plated 100μ" Min
Insulator: Glass Filled Thermoplastic, UL 94V-0
Contact Material: Brass /Gold Plated
Electrical Characteristic
Current Rating: 7.5A
Voltage Rating: 300V
Contact Resistance: 5mΩ Max
Dielectric Withstanding Voltage : 1000V AC r.m.s
Insulation Resistance: 5000 MΩ Min.
Temperature Range-Operating: -55°C ~ +105°C

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM2501-F0DB1XXXXD	ITEM NO. FDM2501-F0	 Leader Of Industry	
		X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Machined pin D-SUB connector 90° Angle Female	REV 2		
DESIGN UNITS Inch (metric)		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			
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'						
		X.XXX±.004(0.10)	.XXX'±0.5'						