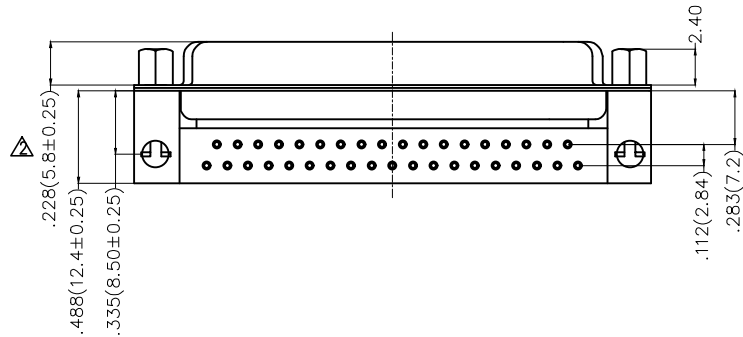
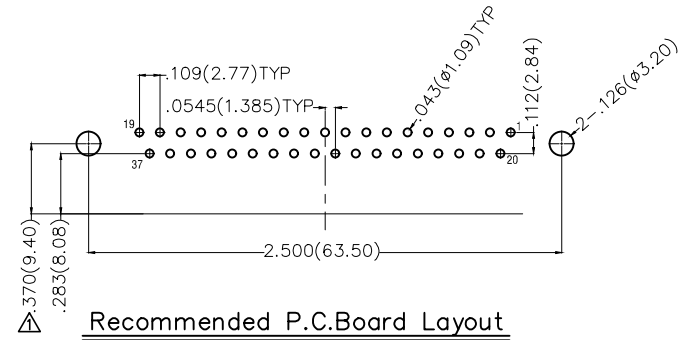
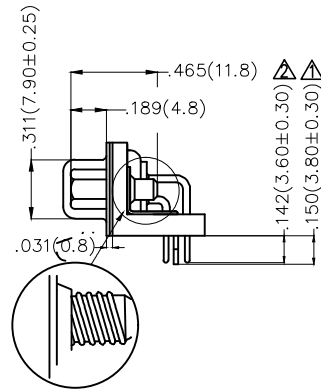
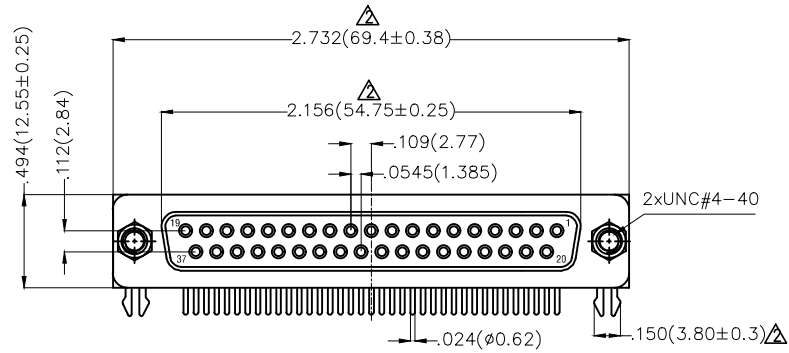
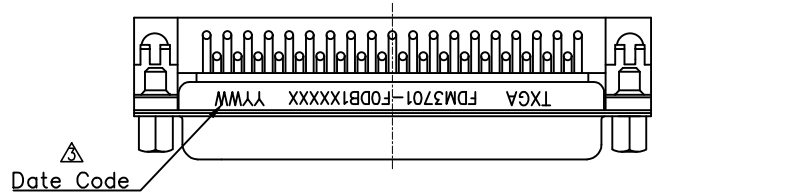


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	30/JUN/23	YYQ	LEO
2	△	Update dimensions and tolerances	12/DEC/24	MATT	LEO
3	△	Add marking code	13/Jan/25	NICK	LEO



Ordering Information

FDM 37 01 - F0 D B 1 XX XX X
 1 2 3 4 5 6 7 8 9 10

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout
	FDM-Machined pin D-SUB connector		37		01		F0-Female		D-DIP
6	Entry Angle	7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging
	B-90° Angle		1-Gold Plated		01-1µ" 03-3µ" Custom plate available		W1-White K6-Black		K-Tray L-Tube

SPECIFICATIONS

Materials And Finish

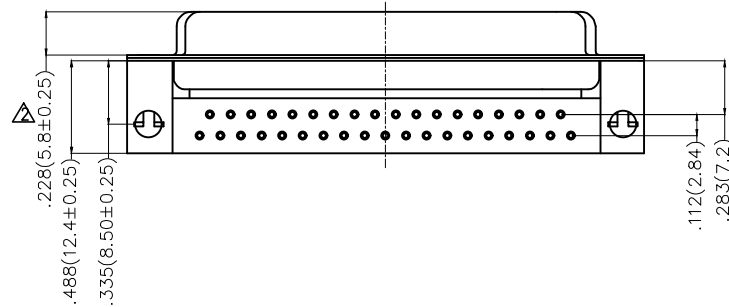
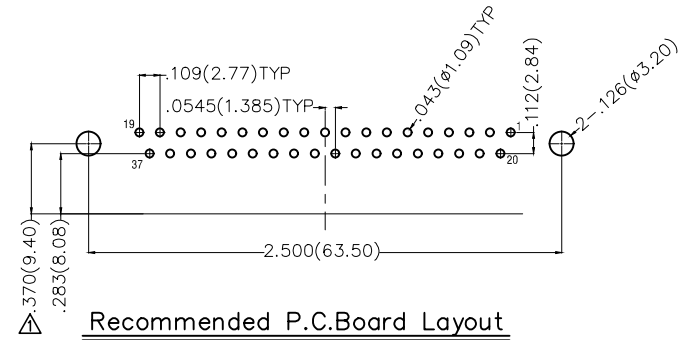
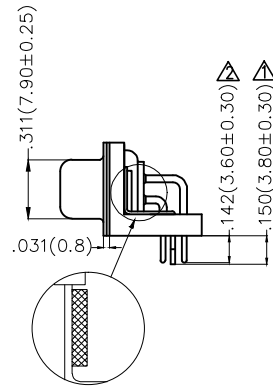
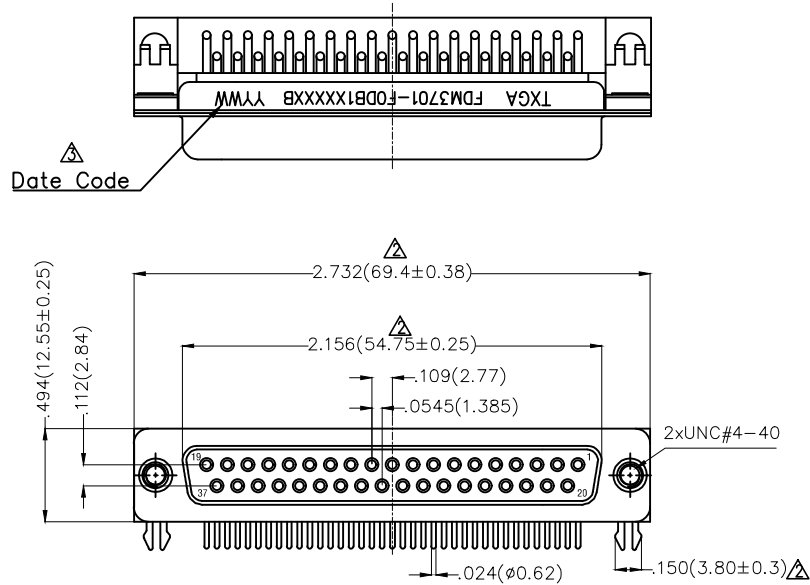
Shell: Spcc/Front Nickel Plated 80u"Min Back Shell: SPCC/Tin Plated 100u"Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass/Gold Plated
 Screw: Brass/Nickel Plated

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. FDM3701-F0DB1XXXXX	ITEM NO. FDM3701	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.022(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 Machined pin D-SUB connector 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 changes	30/JUN/23	YYQ	LEO
2	△	Update dimensions and tolerances	12/DEC/24	MATT	LEO
3	△	Add marking code	13/Jan/25	NICK	LEO



Ordering Information

FDM 37 01 - F0 D B 1 XX XX X B
 1 2 3 4 5 6 7 8 9 10 11

1 Category	2 Circuits	3 Distinction No.	4 Type	5 Assembly Layout
FDM-Machined pin D-SUB connector	37	01	F0-Female	D-DIP

6 Entry Angle	7 Plating	8 Thickness of Plating	9 Color-Resin	10 Packaging	11 Type
B-90° Angle	1-Gold Plated	01-1µ" 03-3µ" Custom plate available	W1-White K6-Black	K-Tray L-Tube	B-B Type

SPECIFICATIONS

Materials And Finish

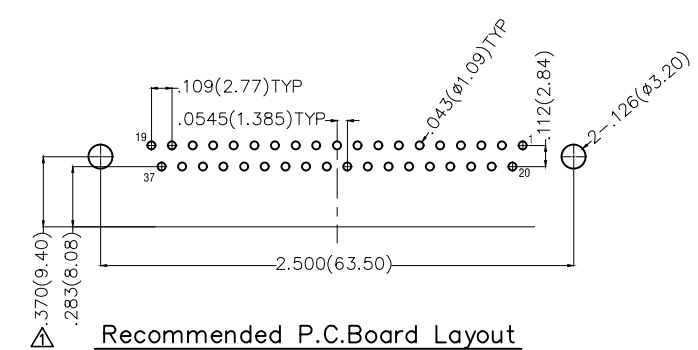
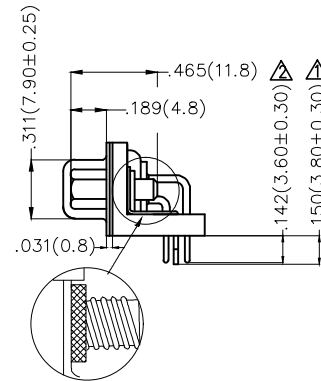
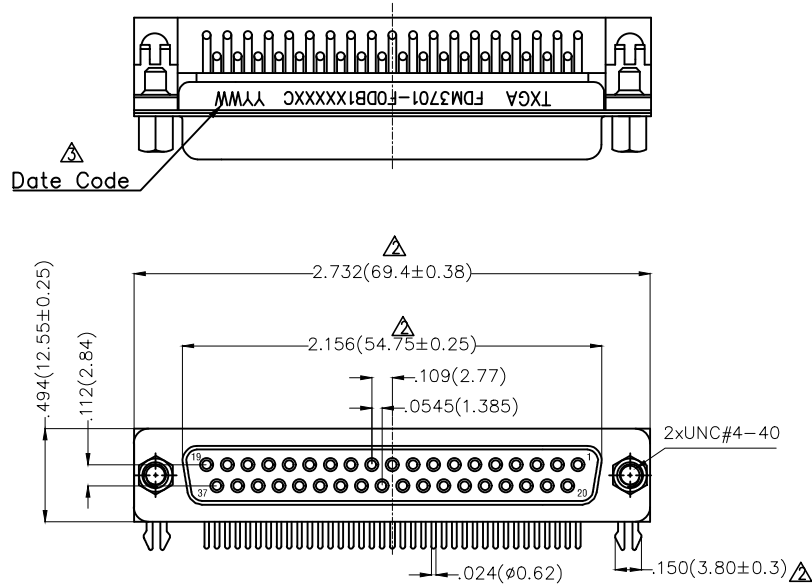
Shell: Spcc/Front Nickel Plated 80u"Min Back Shell: SPCC/Tin Plated 100u"Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass/Gold Plated
 Screw: Brass/Nickel Plated

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

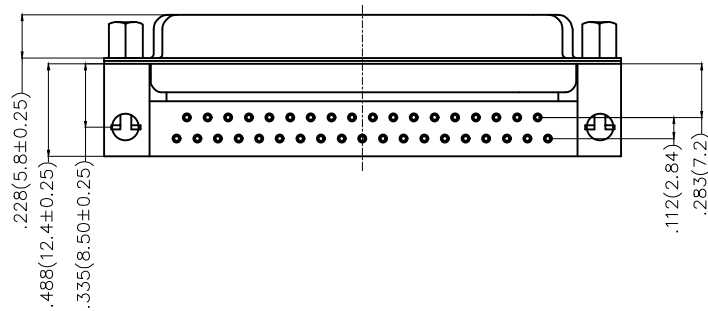
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X.±.022(0.30)	X.±5'	FRANK	28/JUN/13	FDM3701-F0DB1XXXXXB	FDM3701	
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.±2'	CHECKED BY	DATE	TITLE		REV 3 SHEET NO. 1/1
SCALE 5:1	X.XX±.006(0.15)	.XX±1'	JACOB	28/JUN/13	Machined pin D-SUB connector 90° Angle Male		
SIZE A4	X.XXX±.004(0.10)	.XXX±0.5'	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		
			CHERRY	28/JUN/13			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	30/JUN/23	YYQ	LEO
2	△	Update dimensions and tolerances	12/DEC/24	MATT	LEO
3	△	Add marking code	13/Jan/25	NICK	LEO



A
B
C
D
E
F

F
E
C
D
E
F



Ordering Information

FDM 37 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		
	FDM-Machined pin D-SUB connector		37		01		F0-Female		D-DIP		
6	Entry Angle	7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging	11	Type
	B-90° Angle		1-Gold Plated		01-1µ" 03-3µ" Custom plate available		W1-White K6-Black		K-Tray L-Tube		C-C Type

SPECIFICATIONS

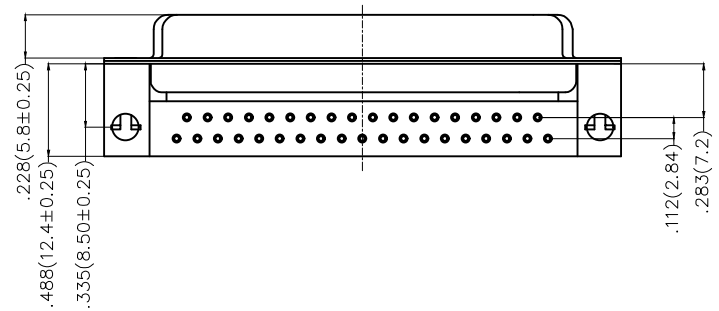
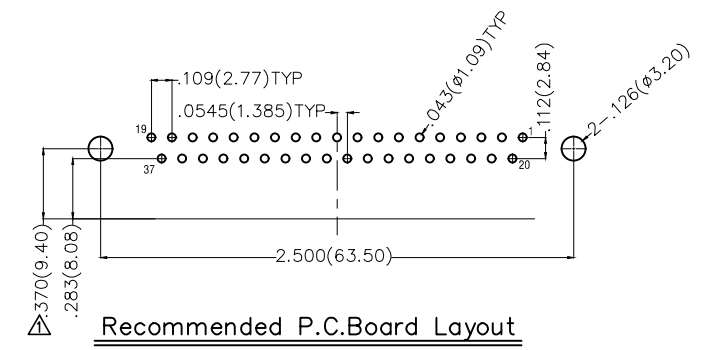
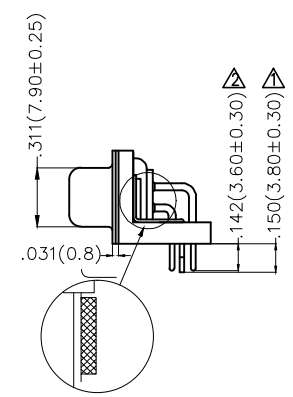
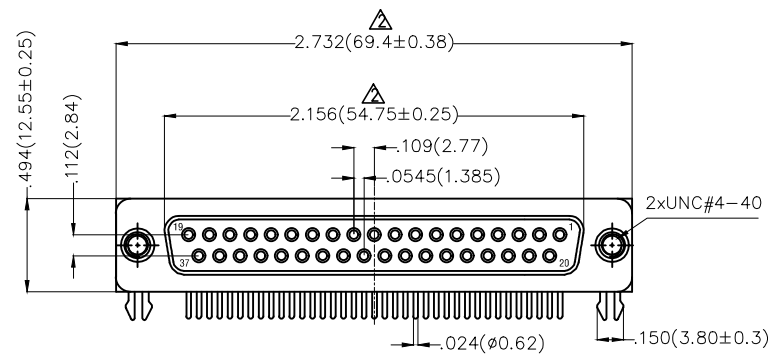
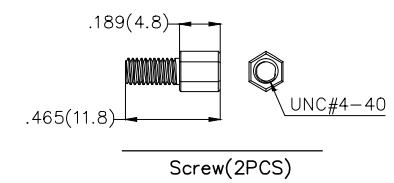
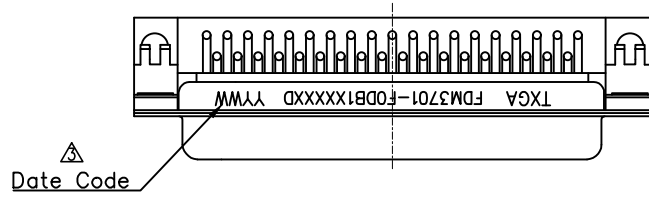
Materials And Finish
 Shell: Spcc/Front Nickel Plated 80u"Min Back Shell: SPCC/Tin Plated 100u"Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass/Gold Plated
 Screw: Brass/Nickel Plated

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	DATE	PART NO.	ITEM NO.	TXGA	
DESIGN UNITS Inch (metric)	X.±.022(0.30)	X.±5'	FRANK	28/JUN/13	FDM3701-F0DB1XXXXXC	FDM3701	Building Technology Cornerstone		
	X.X±.008(0.20)	.X'±2'					CHECKED BY	DATE	TITLE
SCALE	X.XX±.006(0.15)	.XX±1'	JACOB	28/JUN/13	Machined pin D-SUB connector 90° Angle Male		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'	DRAWN BY	DATE	CHERRY		28/JUN/13		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	30/JUN/23	YYQ	LEO
2	△	Update dimensions and tolerances	12/DEC/24	MATT	LEO
3	△	Add marking code	13/Jan/25	NICK	LEO



Ordering Information

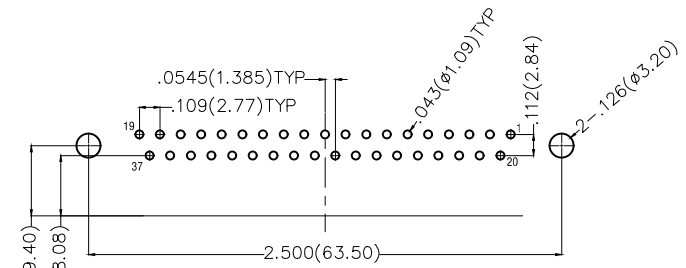
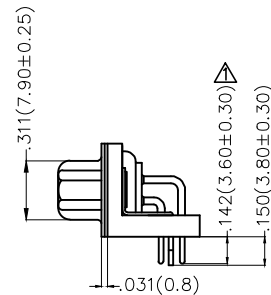
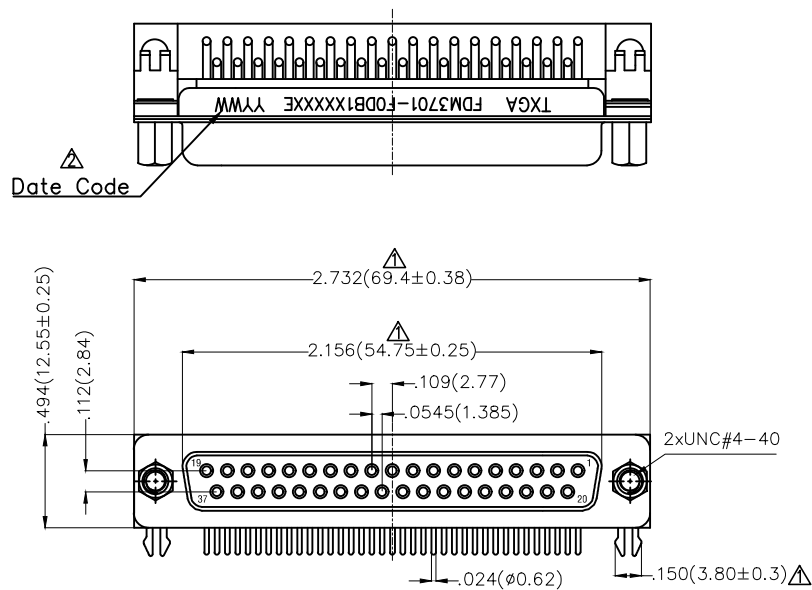
FDM 37 01 - F0 D B 1 XX XX X D
 1 2 3 4 5 6 7 8 9 10 11

1 Category FDM-Machined pin D-SUB connector	2 Circuits 37	3 Distinction No. 01	4 Type F0-Female	5 Assembly Layout D-DIP
6 Entry Angle B-90° Angle	7 Plating 1-Gold Plated	8 Thickness of Plating 01-1μ" 03-3μ" Custom plate available	9 Color-Resin W1-White K6-Black	10 Packaging K-Tray L-Tube
11 Type D-D Type				

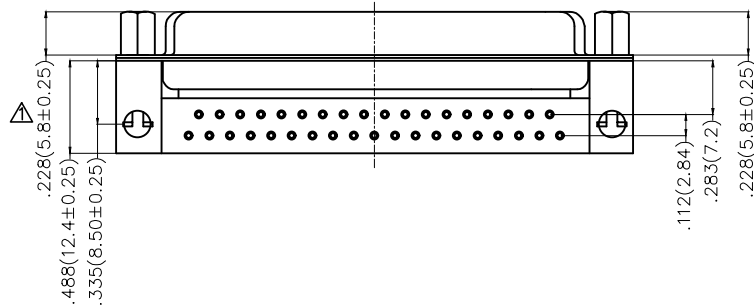
SPECIFICATIONS
Materials And Finish
 Shell: Spcc/Front Nickel Plated 80u"Min Back Shell: SPCC/Tin Plated 100u"Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass/Gold Plated
 Screw: Brass/Nickel Plated
Electrical Characteristic
 Current Rating: 7.5A
 Voltage Rating: 300V
 Contact 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 DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDM3701-F0DB1XXXXD	ITEM NO. FDM3701	 Building Technology Cornerstone	
	X.±.022(0.30)	X.'±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Machined pin D-SUB connector 90° Angle Male			REV 3
	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'						
	X.XXX±.004(0.10)	.XXX±0.5'						

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Update dimensions and tolerances	12/DEC/24	MATT	LEO
2		Add marking code	13/Jan/25	NICK	LEO



Recommended P.C. Board Layout



Ordering Information

FDM 37 01 - F0 D B 1 XX XX X E
 1 2 3 4 5 6 7 8 9 10 11

1 Category	2 Circuits	3 Distinction No.	4 Type	5 Assembly Layout
FDM-Machined pin D-SUB connector	37	01	F0-Female	D-DIP

6 Entry Angle	7 Plating	8 Thickness of Plating	9 Color-Resin	10 Packaging	11 Type
B-90° Angle	1-Gold Plated	01-1µ" 03-3µ" Custom plate available	W1-White K6-Black	K-Tray L-Tube	E-E Type

SPECIFICATIONS

Materials And Finish

Shell: Spcc/Front Nickel Plated 80u"Min Back Shell: SPCC/Tin Plated 100u"Min
 Insulator: Glass Filled Thermoplastic, UL 94V-0
 Contact Material: Brass/Gold Plated
 Screw: Brass/Nickel 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 DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 02/DEC/23	PART NO. FDM3701-F0DB1XXXXXE	ITEM NO. FDM3701	 Building Technology Cornerstone	
	X.±.022(0.30)	X.'±5'	CHECKED BY JACOB	DATE 02/DEC/23	TITLE Machined pin D-SUB connector 90° Angle Male			REV 2
	X.X±.008(0.20)	X.'±2'	DRAWN BY MATT	DATE 02/DEC/23	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)	X.'±1'						
	X.XXX±.004(0.10)	X.'XX±0.5'						