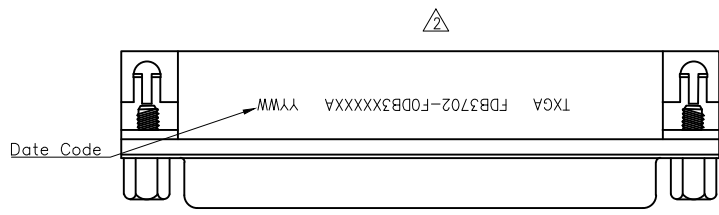


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		New Drawing	18/MAR/24	MATT	LEO
2	△	Add marking code	13/Jan/25	NICK	LEO

A

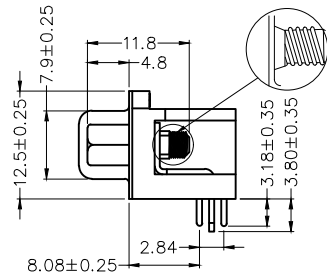
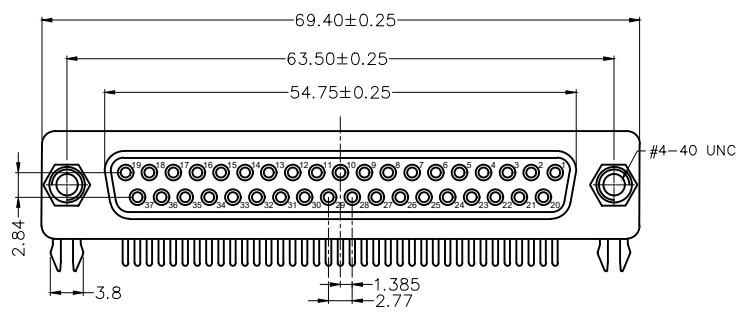


SPECIFICATIONS

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

B

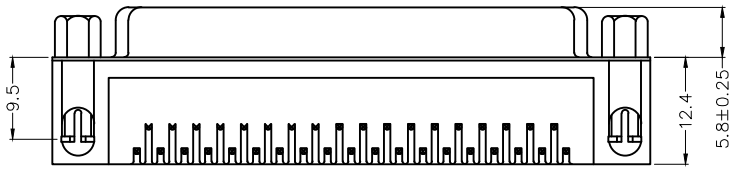


Material and plating

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

C

D



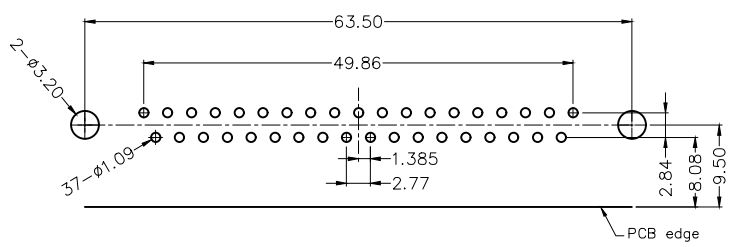
Ordering Information

FDB 37 02 - F0 D B 3 XX XX X A
 1 2 3 4 5 6 7 8 9 10 11

E

1 Category FDB- D-SUB Connector	2 Circuits 37-37 Circuits	3 Distinction No. 02	4 Type F0-Female	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 K-Tray L-Tube	11 Distinction Type A-A Type	

F



Recommended P.C.Board Layout

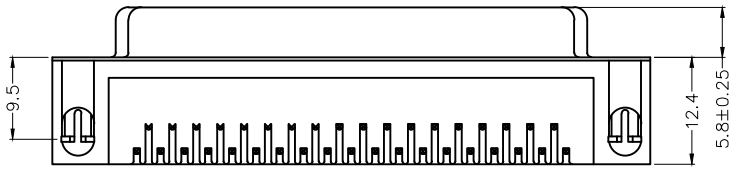
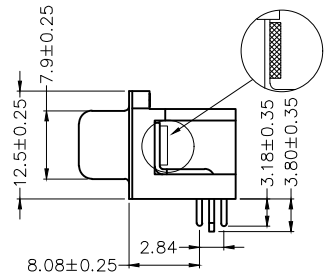
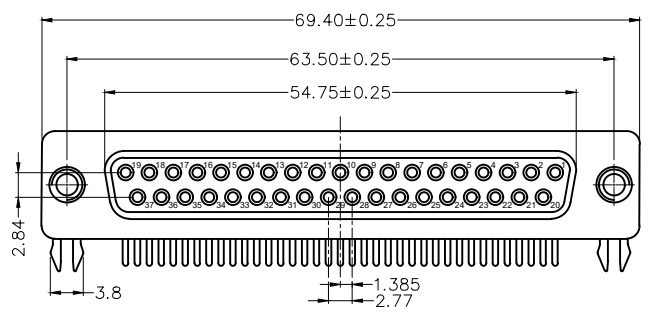
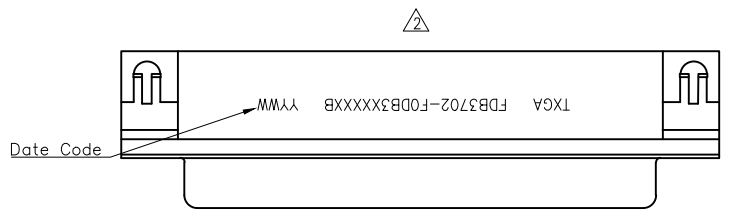
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3702-F0DB3XXXXXA	ITEM NO. FDB3702	 Building Technology Cornerstone
	DESIGN UNITS Metric(mm)	X.±0.30	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Female	
SCALE 5:1	SIZE A4	X.XX±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	
		X.XXX±0.10	.XXX±0.5'			REV 2	SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		New Drawing	18/MAR/24	MATT	LEO
2	△	Add marking 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

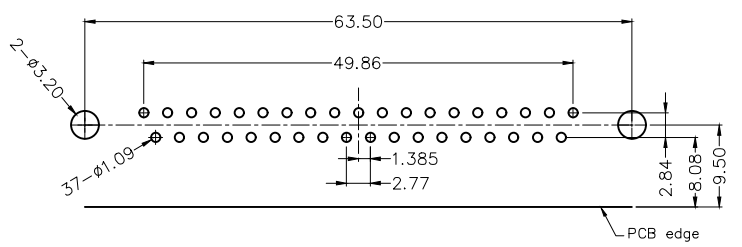
Material and plating
 Housing: PBT UL 94V-0
 Contact: Copper Alloy/
 Selective gold in contact area, tin on tail
 Shell: SPCC/ Nickel Plated
 Board Lock: Copper Alloy/ Tin Plated



Ordering Information

FDB 37 02 - F0 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 37-37 Circuits	3 Distinction No. 02	4 Type F0-Female	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 K-Tray L-Tube	11 Distinction Type B-B Type	

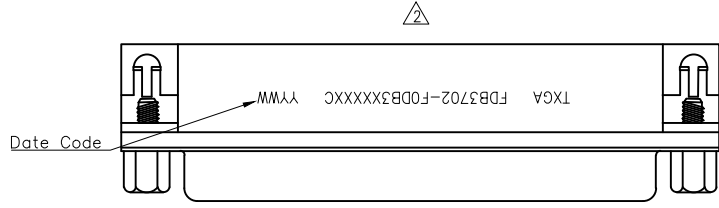


Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3702-F0DB3XXXXXB	ITEM NO. FDB3702	
	DESIGN UNITS Metric(mm)	X.±0.30 X.X±0.20 X.XX±0.15 X.XXX±0.10	X.±5° .X'±2° .XX'±1° .XXX'±0.5°	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Female	
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		New Drawing	18/MAR/24	MATT	LEO
2	△	Add marking code	13/Jan/25	NICK	LEO

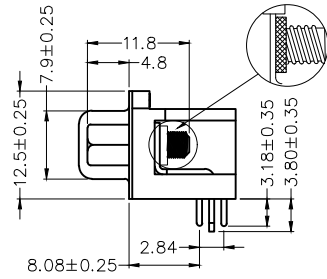
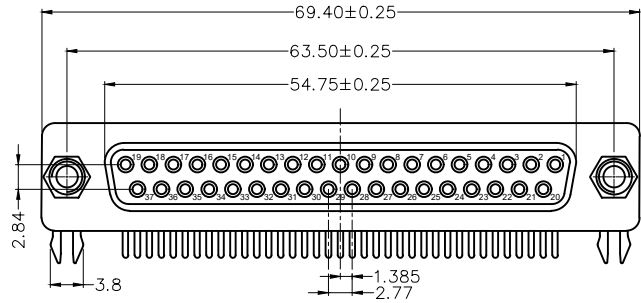
A



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

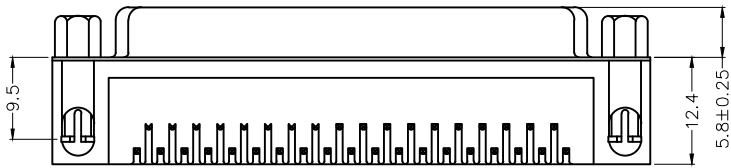
B



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

C

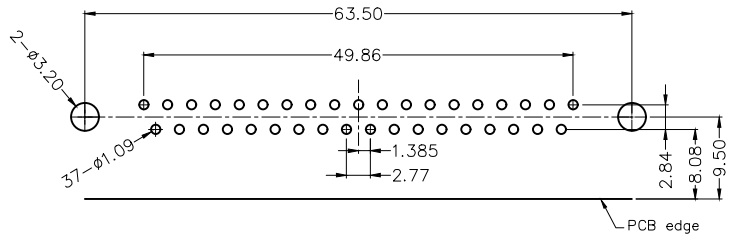
D



Ordering Information

FDB 37 02 - F0 D B 3 XX XX X C
 1 2 3 4 5 6 7 8 9 10 11

E



Recommended P.C.Board Layout

1 Category FDB- D-SUB Connector	2 Circuits 37-37 Circuits	3 Distinction No. 02	4 Type F0-Female	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 K-Tray L-Tube	11 Distinction Type C-C Type	

F

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3702-F0DB3XXXXXC	ITEM NO. FDB3702	 Building Technology Cornerstone	
	DESIGN UNITS Metric(mm)	X.±0.30	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Female		REV 2
SCALE 5:1	SIZE A4	X.XX±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		

A

B

C

D

E

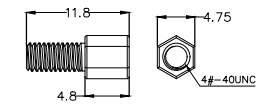
F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		New Drawing	18/MAR/24	MATT	LEO
2	△	Add marking 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 in contact area, tin on tail
 Shell: SPCC/ Nickel Plated
 Board Lock: Copper Alloy/ Tin Plated
 Screws: Copper Alloy/ Nickel Plated

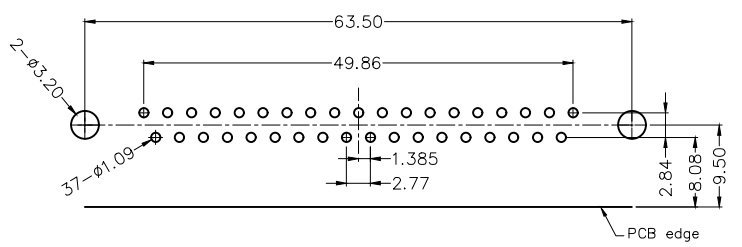
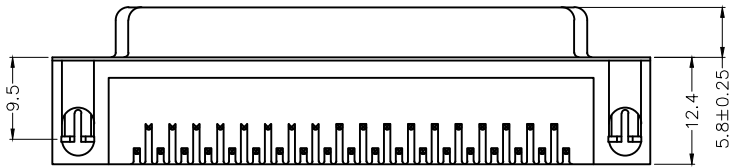
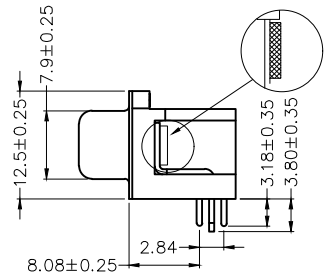
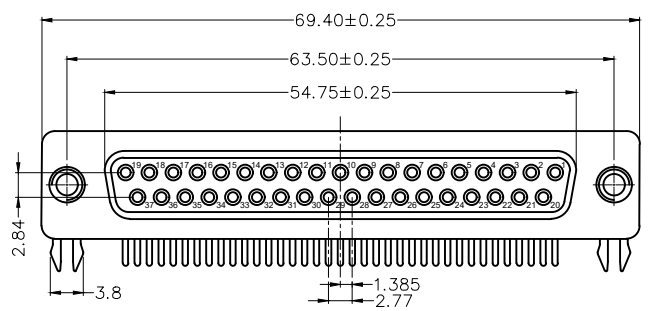
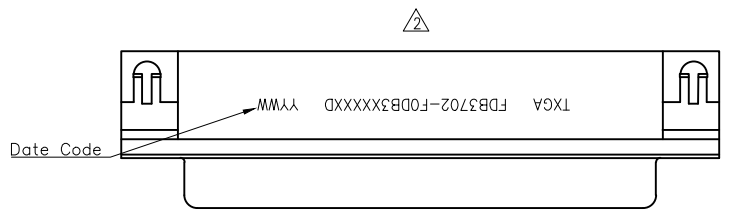


Screw (2pcs)

Ordering Information

FDB 37 02 — F0 D B 3 XX XX X D
 1 2 3 4 5 6 7 8 9 10 11

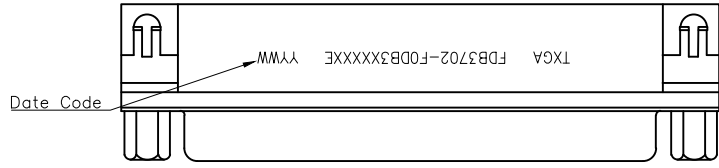
1 Category FDB- D-SUB Connector	2 Circuits 37-37 Circuits	3 Distinction No. 02	4 Type F0-Female	5 Assembly Layout D-DIP	6 Entry Angle B-90° Angle
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold Flash 03-3μ" Custom Plate Available	9 Color-Resin K6-Black U1-Blue	10 Packaging K-Tray L-Tube	11 Distinction Type D-D Type	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3702-F0DB3XXXXD	ITEM NO. FDB3702		
	DESIGN UNITS Metric(mm)	X.±0.30	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Female		REV 2
SCALE 5:1	SIZE A4	X.XX±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		

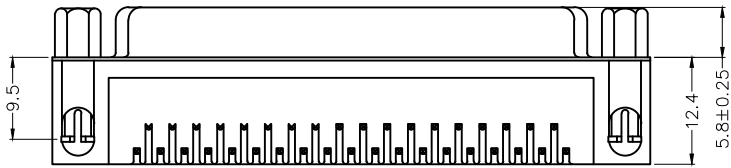
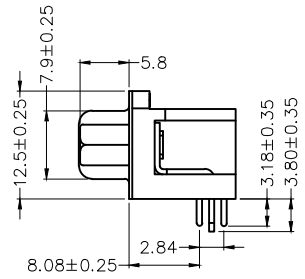
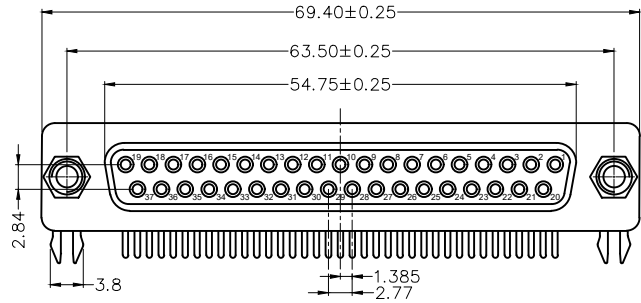
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		New Drawing	18/MAR/24	MATT	LEO
2	△	Add marking code	13/Jan/25	NICK	LEO



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

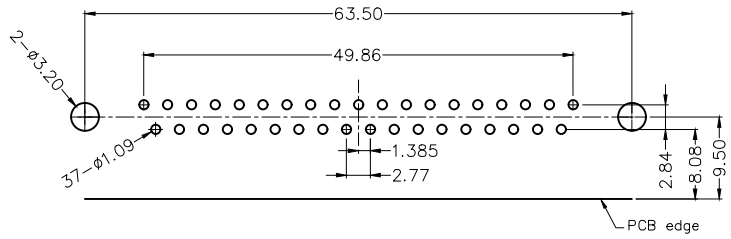
Material and plating
 Housing: PBT UL 94V-0
 Contact: Copper Alloy/
 Selective gold in contact area, tin on tail
 Shell: SPCC/ Nickel Plated
 Board Lock: Copper Alloy/ Tin Plated
 Screws: Copper Alloy/ Nickel Plated



Ordering Information

FDB 37 02 - F0 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 37-37 Circuits	3 Distinction No. 02	4 Type F0-Female	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 K-Tray L-Tube	11 Distinction Type E-E Type	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3702-F0DB3XXXXXE	ITEM NO. FDB3702	 Building Technology Cornerstone	
	DESIGN UNITS Metric(mm)	X.±0.30	X.±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Female		REV 2
SCALE 5:1	SIZE A4	X.XX±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		