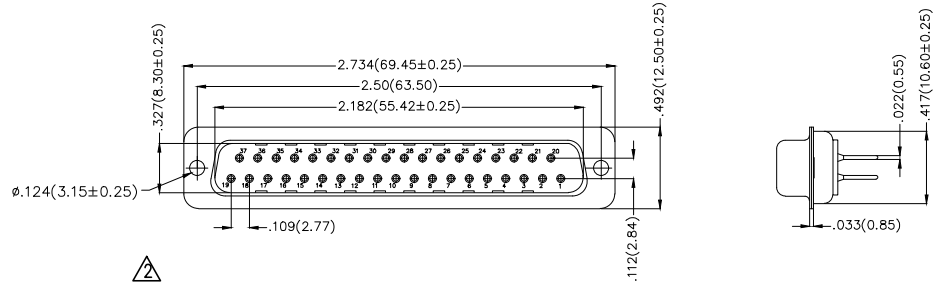


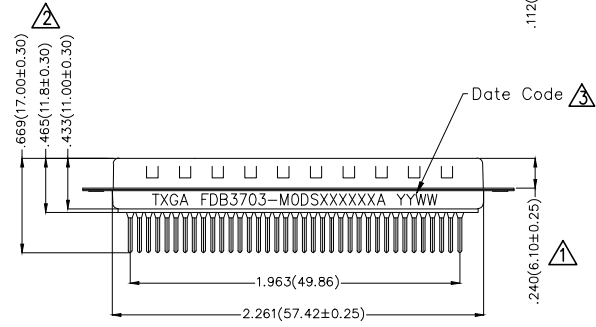
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	02/AUG/22	MATT	CHERRY
2		Size changes	05/JUL/23	MATT	CHERRY
3		Add marking code	13/Jan/25	NICK	LEO



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

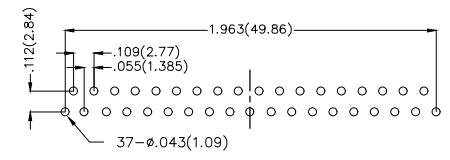
Material and plating
 Housing: PBT UL 94V-0
 Contact: Copper Alloy/ Gold Plated/
 Selective gold in contact area, tin on tail
 Shell: SPCC/ Nickel plating on the front shell
 and tin plating on the rear shell



Ordering Information

FDB 37 03 - M0 D S X XX XX X A
 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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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		



Recommended P.C.Board Layout

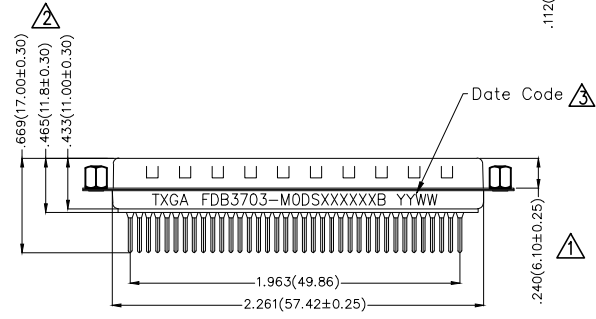
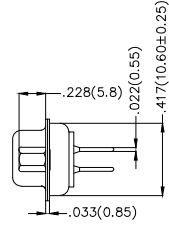
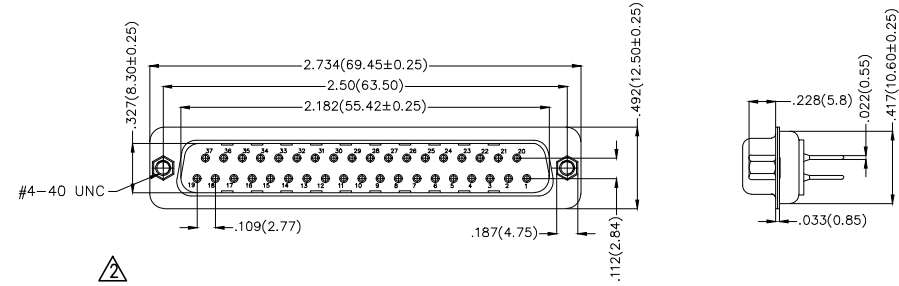
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3703-MODSXXXXXXA	ITEM NO. FDB3703	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±0.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X.'±2' X.X'±1' X.XXX±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 180° Vertical 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	02/AUG/22	MATT	CHERRY
2		Size changes	05/JUL/23	MATT	CHERRY
3		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

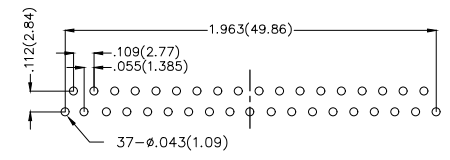
Material and plating
 Housing: PBT UL 94V-0
 Contact: Copper Alloy/ Gold Plated/
 Selective gold in contact area, tin on tail
 Shell: SPCC/ Nickel plating on the front shell
 and tin plating on the rear shell



Ordering Information

FDB 37 03 - M0 D S X 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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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. FDB3703-MODSXXXXXB	ITEM NO. FDB3703	 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 37 Circuits 180° Vertical 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	02/AUG/22	MATT	CHERRY
2		Size changes	05/JUL/23	MATT	CHERRY
3		Add marking code	13/Jan/25	NICK	LEO

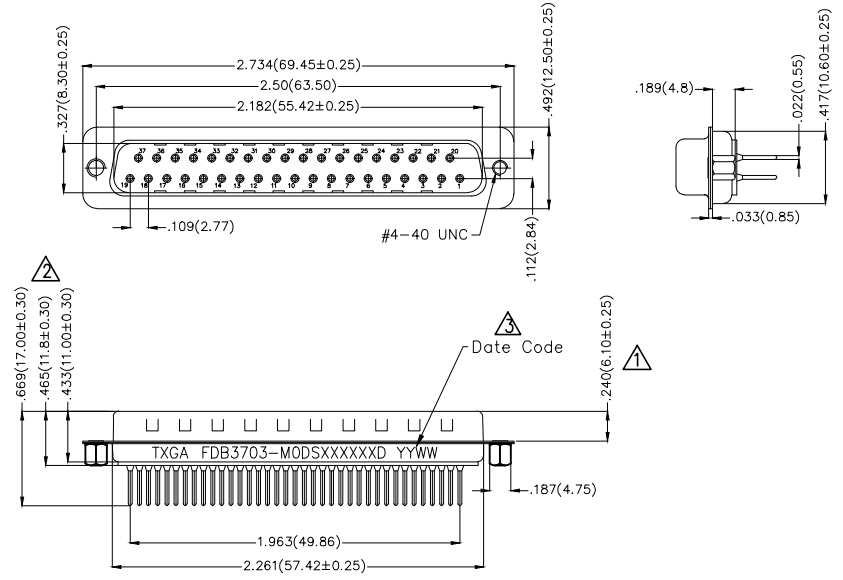
SPECIFICATIONS

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

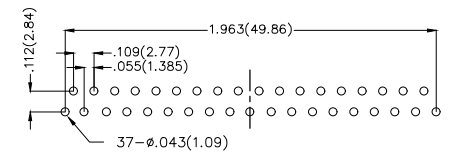
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel plating on the front shell
and tin plating on the rear shell



Ordering Information

FDB 37 03 - M0 D S X 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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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. FDB3703-MODSXXXXXD	ITEM NO. FDB3703	 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 37 Circuits 180° Vertical 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	02/AUG/22	MATT	CHERRY
2		Size changes	05/JUL/23	MATT	CHERRY
3		Add marking code	13/Jan/25	NICK	LEO

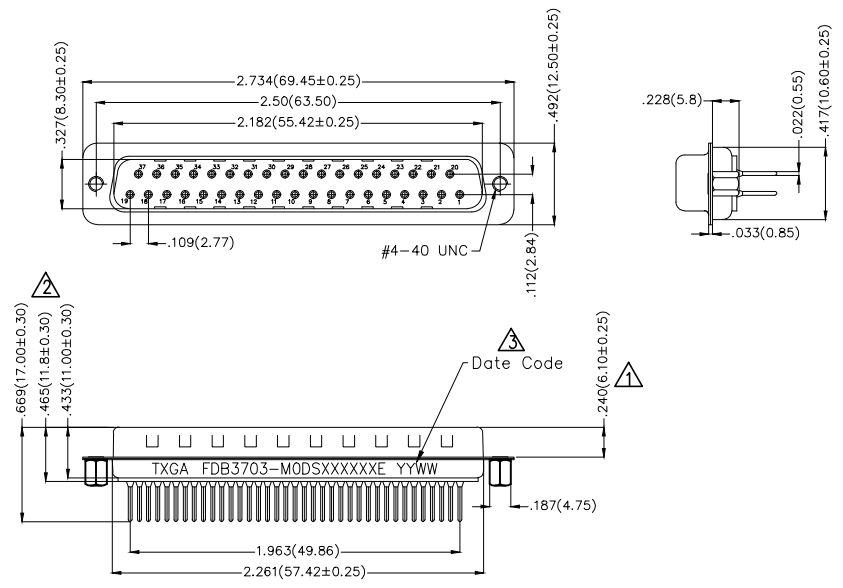
SPECIFICATIONS

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

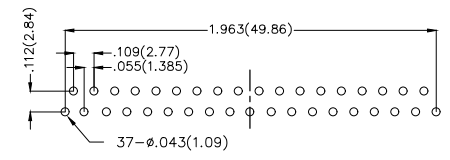
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel plating on the front shell
and tin plating on the rear shell



Ordering Information

FDB 37 03 - M0 D S X 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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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		



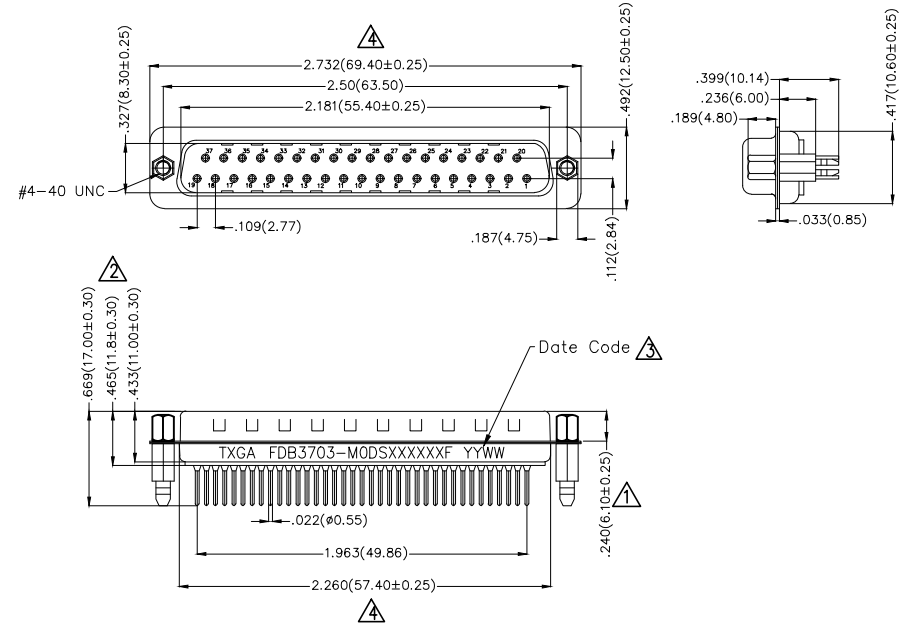
Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3703-MODSXXXXXXE	ITEM NO. FDB3703	 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 37 Circuits 180° Vertical 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	△1	Size changes	02/AUG/22	MATT	CHERRY
2	△2	Size changes	05/JUL/23	MATT	CHERRY
3	△3	Add marking code	13/Jan/25	NICK	LEO
4	△4	Update dimensions and tolerances	12/Mar/25	NICK	LEO

SPECIFICATIONS
Electrical

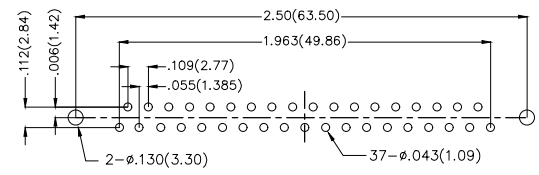
Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 25 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -55°C~+105°C
Material and plating
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel plating on the front shell
and tin plating on the rear shell




Ordering Information

FDB 37 03 — M0 D S X XX XX X F
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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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 F-F Type		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3703-MODSXXXXXF	ITEM NO. FDB3703	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±0.012(0.30) X.X±0.008(0.20) X.XX±0.006(0.15) X.XXX±0.004(0.10)	X'.±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 180° Vertical 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 4	SHEET NO. 1/1

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

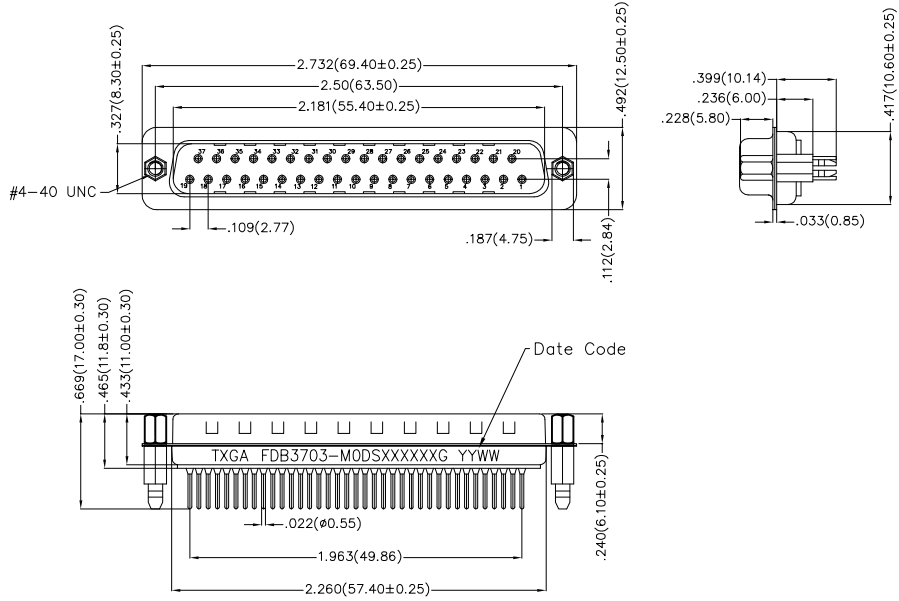
SPECIFICATIONS

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

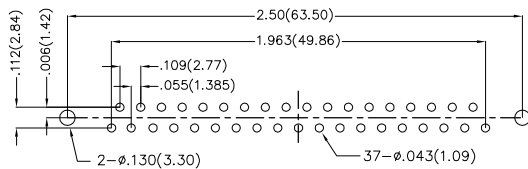
Housing: PBT UL 94V-0
 Contact: Copper Alloy/ Gold Plated/
 Selective gold in contact area, tin on tail
 Shell: SPCC/ Nickel plating on the front shell
 and tin plating on the rear shell
 Screws: Copper Alloy/Nickel Plated
 Board Lock: Copper Alloy/ Tin Plated




Ordering Information

FDB 37 03 — M0 D S X XX XX X G
 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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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 G-G Type		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3703-MODSXXXXXXG	ITEM NO. FDB3703	 Building Technology Cornerstone
	X.±.012(0.30)	X:±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 180° Vertical Male		
DESIGN UNITS Inch (metric)	X.XX±.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.XXX±.004(0.10)	.XX'±0.5'				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	02/AUG/22	MATT	CHERRY
2		Size changes	05/JUL/23	MATT	CHERRY
3		Add marking code	13/Jan/25	NICK	LEO

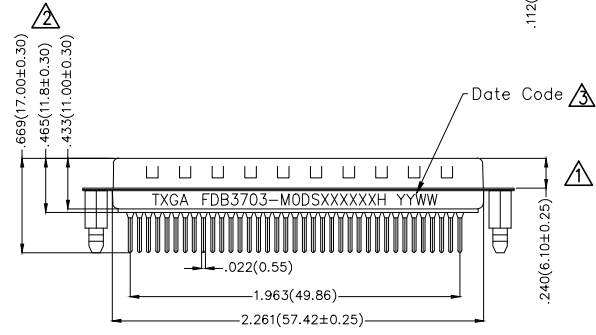
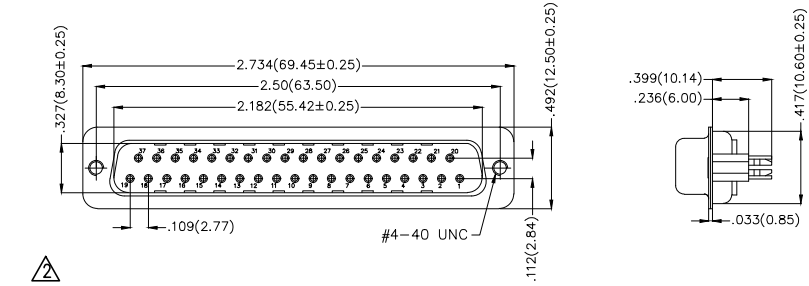
SPECIFICATIONS

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

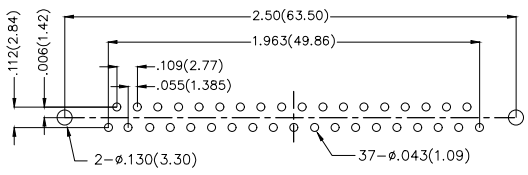
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel plating on the front shell
and tin plating on the rear shell



Ordering Information

FDB 37 03 - M0 D S X XX XX X H
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. 03	4	Type M0-Male	5	Assembly Layout D-DIP	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated 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 H-H Type		



Recommended P.C.Board Layout

	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3703-MODSXXXXXXH	ITEM NO. FDB3703		
	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 37 Circuits 180° Vertical 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			