

Recommended P.C.Board Layout

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

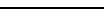

Material and plating

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

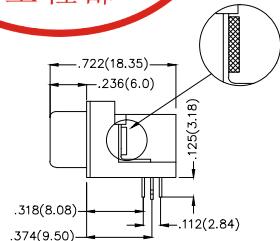
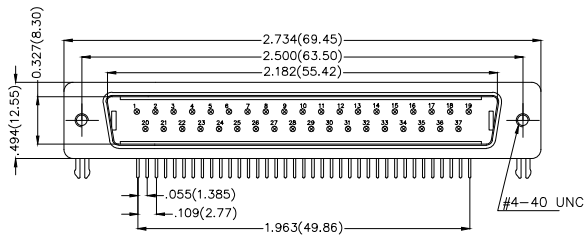
Ordering Information

FDB	37	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 Connector	2 Circuits 37-37 Circuits	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 K-Tray L-Tube	11 Distinction Type A-A Type	

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3701-M0DB3XXXXXA	ITEM NO. FDB3701	 3K-KAMING®	
				CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Male			
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5°	DRAWN BY CHERRY	DATE 28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	X'±2°						
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	XX'±1°						
		X.XXX±.004(0.10)	XXX'±0.5°						
4		5		6		7		8	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



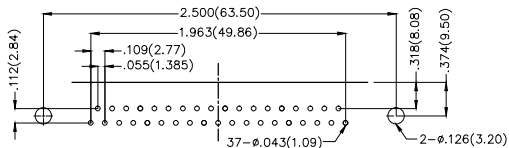
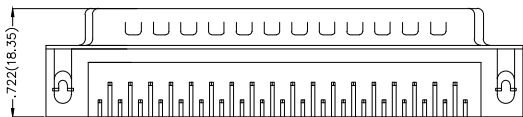
SPECIFICATIONS

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/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated

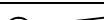



Recommended P.C.Board Layout

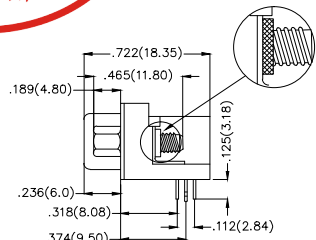
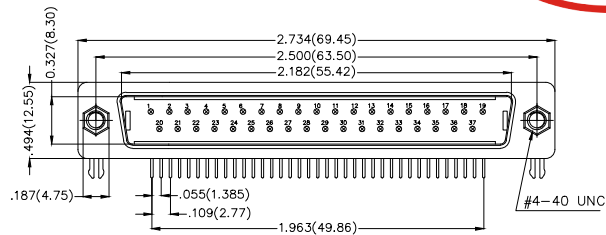
Ordering Information

FDB 37 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 Connector	2 Circuits 37-37 Circuits	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 K-Tray L-Tube	11 Distinction Type B-B Type	

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3701-M0DB3XXXXXB	ITEM NO. FDB3701	 3K-KAMING®	
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X'±5"	CHECKED BY	DATE	TITLE D-SUB connector 37 Circuits 90° Angle Male		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	.X'±2"	JACOB	28/JUN/13				
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"	DRAWN BY CHERRY	DATE 28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
4		5		6		7		8	

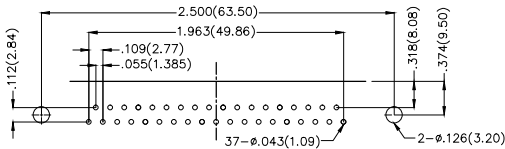
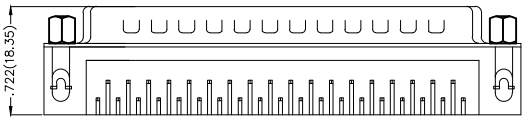
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated
Screws: Copper Alloy/ Nickel Plated





Recommended P.C.Board Layout

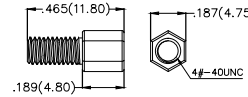
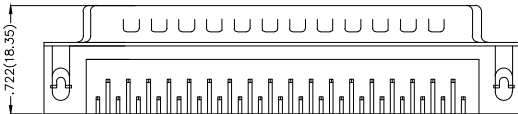
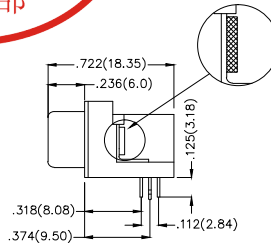
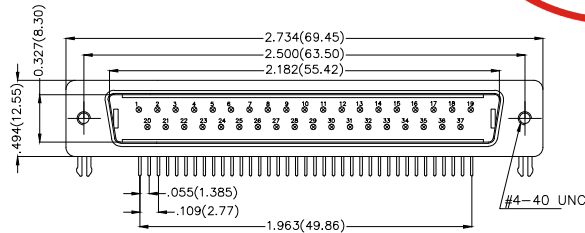
Ordering Information

FDB	37	01	—	M0	D	B	3	XX	XX	X	C
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. 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 K-Tray L-Tube	11	Distinction Type C-C Type		

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3701-M0DB3XXXXXC	ITEM NO. FDB3701		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE D-SUB connector 37 Circuits 90° Angle Male		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	.X'±2°	JACOB	28/JUN/13				
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.XXX±.004(0.10)	.XXX'±0.5°	CHERRY	28/JUN/13				
4		5		6		7		8	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Screw (2pcs)

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

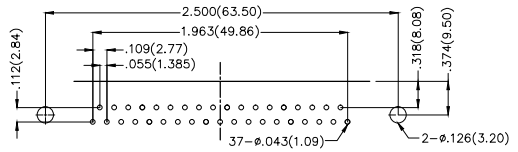
Material and plating

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



Recommended P.C.Board Layout

1 Category FDB- D-SUB Connector	2 Circuits 37-37 Circuits	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 K-Tray L-Tube	11 Distinction Type D-D Type	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB3701-M0DB3XXXXXD		ITEM NO. FDB3701	 3K-KAMING	
	X.±.012(0.30)	X.±5°	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D-SUB connector 37 Circuits 90° Angle Male		REV 0		
	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 DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1/1	