

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

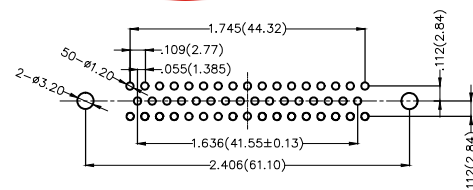
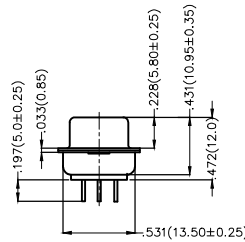
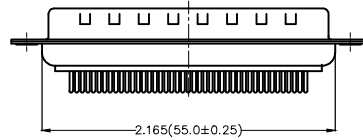
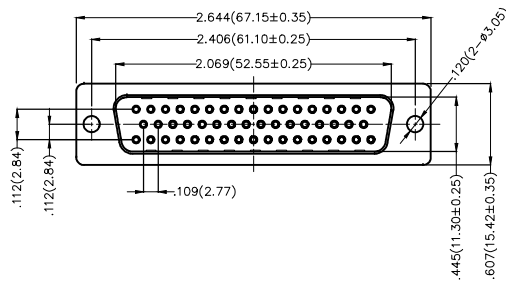
SPECIFICATIONS

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 Plated





Recommended P.C.Board Layout



Ordering Information

FDB	50	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 50—50 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		

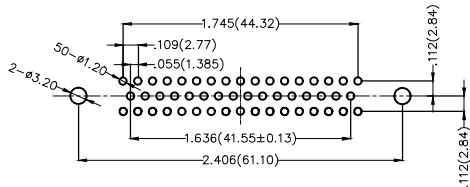
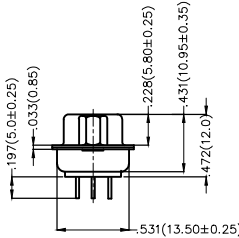
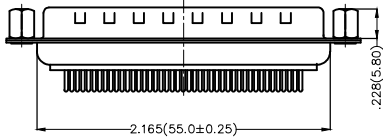
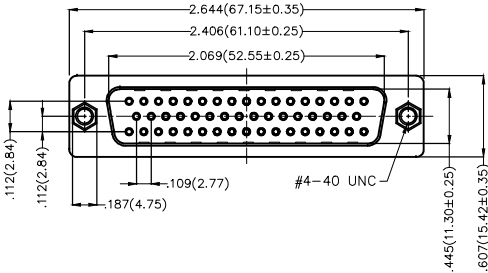
		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5003—MODSXXXXXXA	ITEM NO. FDB5003		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE D—SUB connector 50 Circuits 180° Vertical Male		3K-KAMING	
		X.X±.008(0.20)	X'±2"	JACOB	28/JUN/13				
		X.XX±.006(0.15)	X.X'±1"	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	X.XX'±0.5"	CHERRY	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/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated





Recommended P.C.Board Layout



Ordering Information

FDB	50	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 50—50 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		

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5003—MODSXXXXXXB	ITEM NO. FDB5003				
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE D—SUB connector 50 Circuits 180° Vertical Male		REV 0		SHEET NO. 1/1	
		X.X±.008(0.20)	X'±2"	JACOB	28/JUN/13						
		X.XX±.006(0.15)	X.X'±1"	DRAWN BY	DATE						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	X.XXX'±0.5"	CHERRY	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

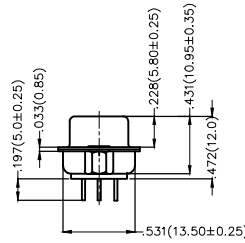
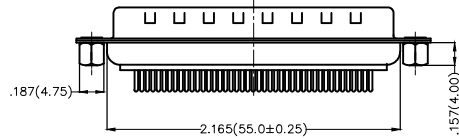
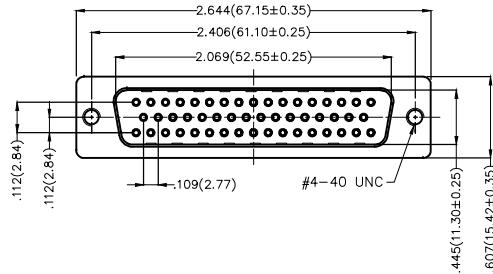
SPECIFICATIONS

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

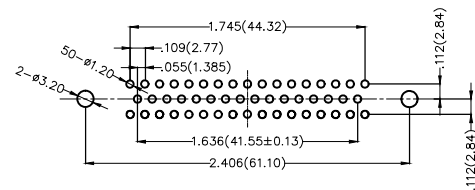
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated





Ordering Information

FDB	50	03	—	M0	D	S	X	XX	XX	X	C
1	2	3		4	5	6	7	8	9	10	11

1	Category FDB— D—SUB Connector	2	Circuits 50—50 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 C—C Type		



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5003—MODSXXXXXC	ITEM NO. FDB5003	 3K-KAMING®	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE D—SUB connector 50 Circuits 180° Vertical Male		REV 0 SHEET NO. 1/1	
		X.X±.008(0.20)	.X'±2"	JACOB	28/JUN/13				
		X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5"	CHERRY	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

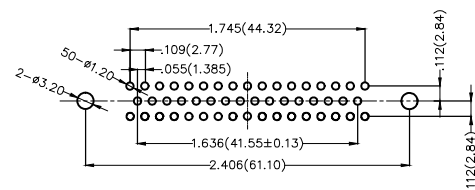
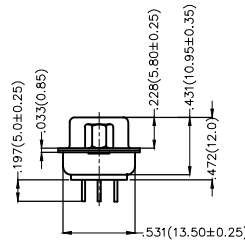
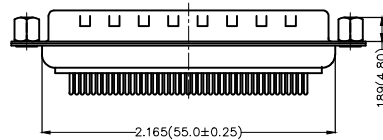
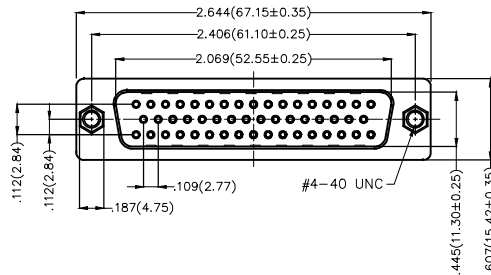
SPECIFICATIONS

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





Recommended P.C.Board Layout

Ordering Information

FDB	50	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 50—50 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	

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5003—MODSXXXXXD	ITEM NO. FDB5003	 3K-KAMING®	
	X.±.012(0.30)	X'±5"	CHECKED BY	DATE				
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'±2"	JACOB	28/JUN/13	TITLE D—SUB connector 50 Circuits 180° Vertical Male	REV 0		SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X'±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		
		X.XXX±.004(0.10)	XXX'±0.5"					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

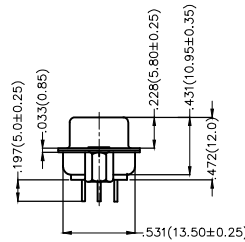
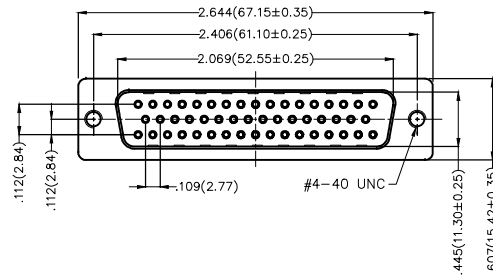
SPECIFICATIONS

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

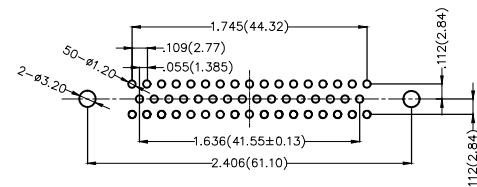
Housing: PBT UL 94V-0
Contact: Copper Alloy/ Gold Plated/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Screws: Copper Alloy/ Nickel Plated





Ordering Information

FDB 50 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 50-50 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	DATE	PART NO.	ITEM NO.	 3K-KAMING	
				FRANK	28/JUN/13	FDB5003-MODSXXXXXXE	FDB5003		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE D-SUB connector 50 Circuits 180° Vertical 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

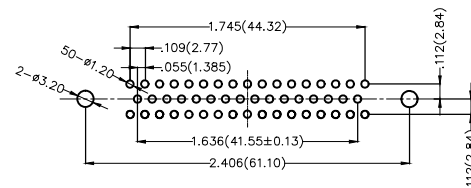
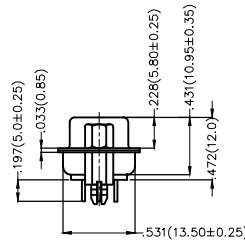
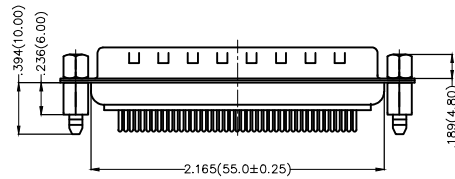
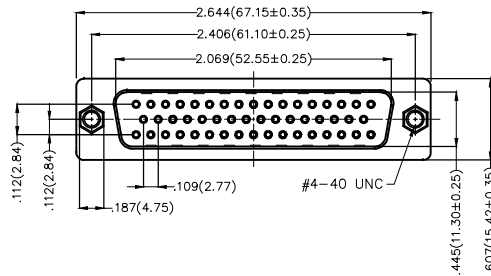
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 25 mΩ Max
Insulation Resistance: 1000 MΩ Min
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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 Plated
Screws: Copper Alloy/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated





Recommended P.C.Board Layout



Ordering Information

FDB	50	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 50—50 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		

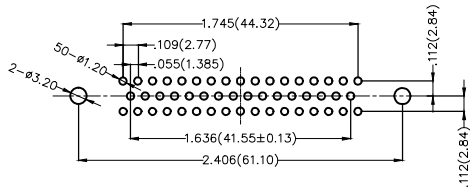
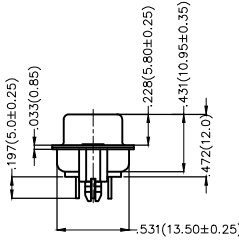
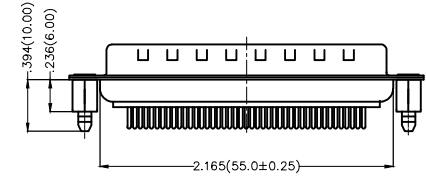
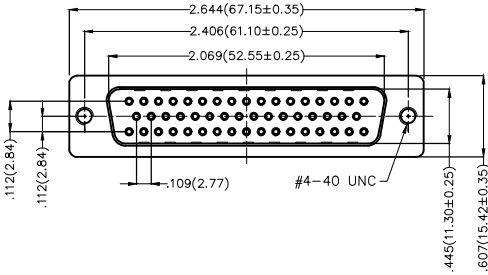
 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5003—MODSXXXXXXF	ITEM NO. FDB5003	 3K-KAMING	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE D—SUB connector 50 Circuits 180° Vertical Male		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	X'±2"	JACOB	28/JUN/13				
		X.XX±.006(0.15)	XX'±1"	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	XXX'±0.5"	CHERRY	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/ Gold Plated/
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	50	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 50—50 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	

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB5003—MODSXXXXXXG	ITEM NO. FDB5003		
THIRD ANGLE PROJECTION		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE D—SUB connector 50 Circuits 180° Vertical Male		3K—KAMING	
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2"	JACOB	28/JUN/13				
SCALE 5:1		X.XX±.006(0.15)	X.X'±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			
SIZE A4		X.XXX±.004(0.10)	XXX±0.5"	CHERRY	28/JUN/13				
4		5		6		7		8	