

A
B
C
D
E
F

12345678

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

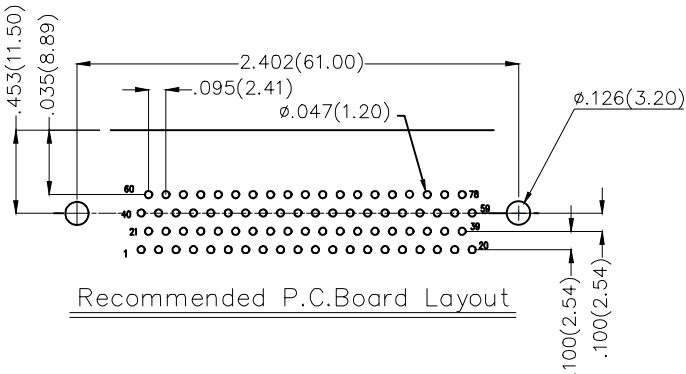
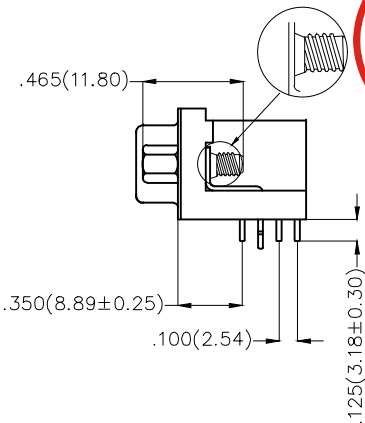
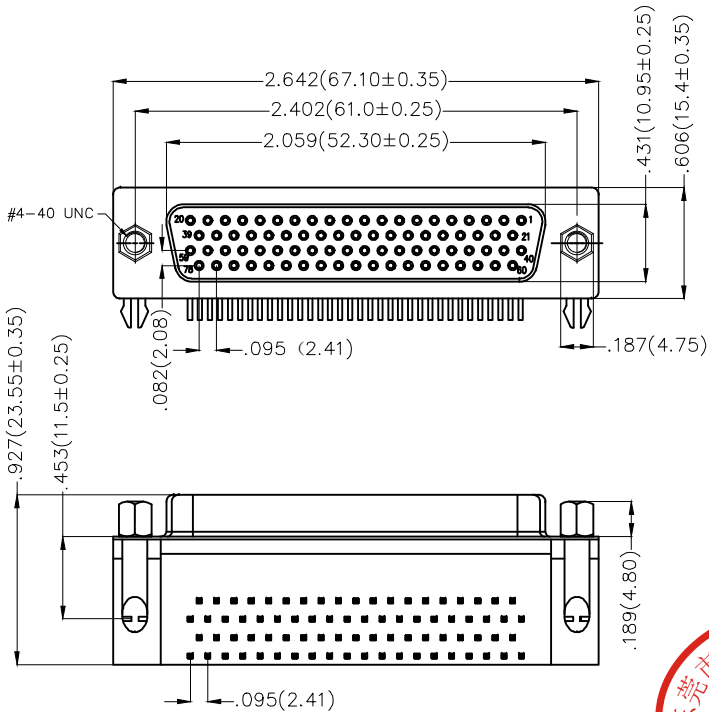
Material and plating
Housing: PBT UL 94V-0
Contact: Copper Alloy/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated
Screws: Copper Alloy/ Nickel Plated



Ordering Information

FDB 78 02 — F0 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 78—78 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		



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB7802—F0DB3XXXXXA	ITEM NO. FDB7802	 3K-KAMING	
	X.±.012(0.30)	X'.±5'	CHECKED BY	DATE	TITLE			
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'.±2'	JACOB	28/JUN/13	D-SUB connector 78 Circuits 90° Angle Female	REV 0	SHEET NO. 1/1
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.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			

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SPECIFICATIONS

Electrical

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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 78 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 78—78 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. FDB7802—F0DB3XXXXXB	ITEM NO. FDB7802	 3K-KAMING®	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.'±5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE D—SUB connector 78 Circuits 90° Angle Female		REV 0 SHEET NO. 1/1	
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			
		X.XXX±.004(0.10)	.XXX'±0.5"						

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

SPECIFICATIONS

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Temperature Range—Operating: -55°C~+105°C

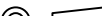
Material and plating

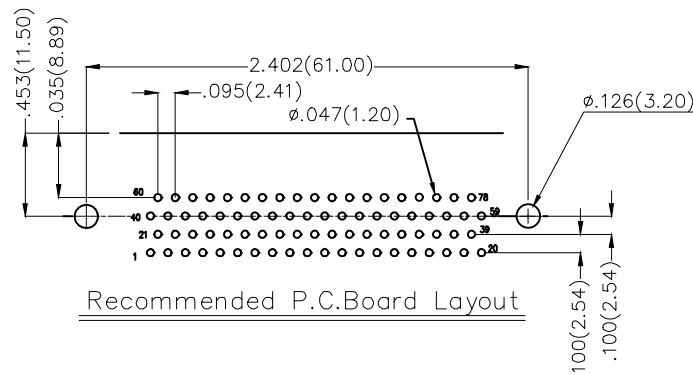
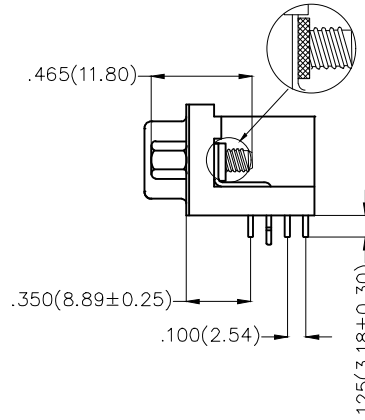
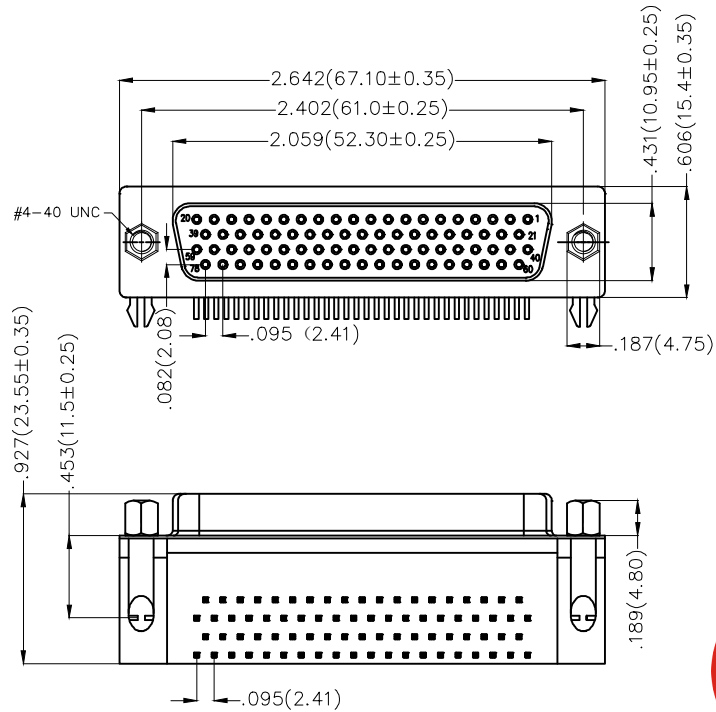
Housing: PBT UL 94V-0
Contact: Copper Alloy/
Selective gold in contact area, tin on tail
Shell: SPCC/ Nickel Plated
Board Lock: Copper Alloy/ Tin Plated
Screws: Copper Alloy/ Nickel Plated

Ordering Information

FDB 78 02 — F0 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 78—78 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	

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FDB7802-F0DB3XXXXXC	ITEM NO. FDB7802	 3K-KAMING®	
		X.±.012(0.30)	X.'±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.'±2°	JACOB	28/JUN/13	D-SUB connector 78 Circuits 90° Angle Female		REV 0	SHEET NO. 1/1
		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			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°	CHERRY	28/JUN/13				



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Screws: Copper Alloy/ Nickel Plated



Ordering Information

FDB 78 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 78-78 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. FDB7802-F0DB3XXXXXD	ITEM NO. FDB7802	 3K-KAMING			
	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 78 Circuits 90° Angle Female			REV 0	SHEET NO. 1/1
	SCALE 5:1	SIZE A4	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					