



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	ADD DIM	13/AUG/15	KEVIN	CHERRY

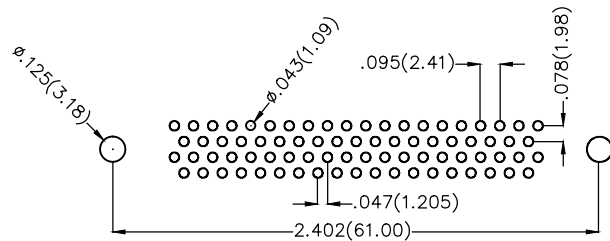
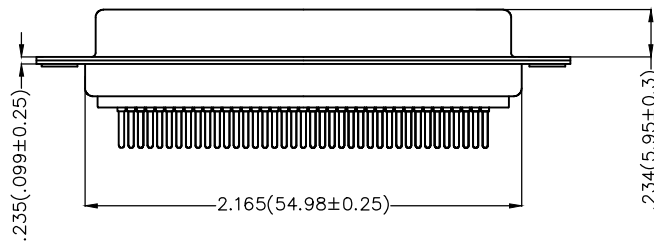
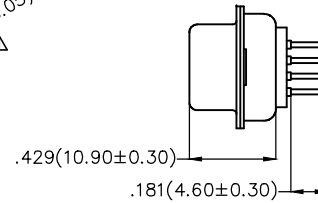
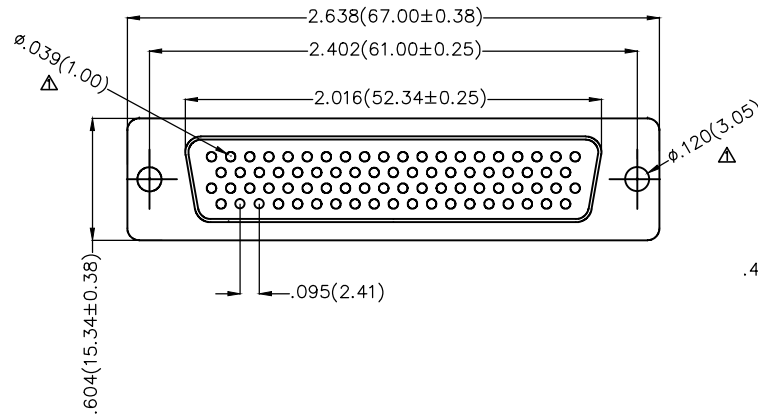
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 30 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	78	05	—	F0	D	S	X	XX	K6	K	A
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDB- D-SUB Connector		78-78 Circuits		05		F0-Female		D-DIP		S-180° Vertical
7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging	11	Distinction Type		
	1-Gold Plated 3-Selective gold in contact area, tin on tail		00-Gold Flash 03-3μ" Custom Plate Available		K6-Black		K-Tray		A-A Type		

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.		ITEM NO.	 3K-KAMING	
	X.±.012(0.30)	X.±5°	FRANK	28/AUG/13	FDB7805-F0DSXXXK6KA		FDB7805		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2°	CHECKED BY	DATE	TITLE			REV 1	SHEET NO. 1/1
SCALE	X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	D-SUB connector				
5:1	X.XXX±.004(0.10)	.XXX'±0.5°	KEVIN	28/AUG/13	78 Circuits 180° Vertical Female				
A4					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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	ADD DIM	13/AUG/15	KEVIN	CHERRY

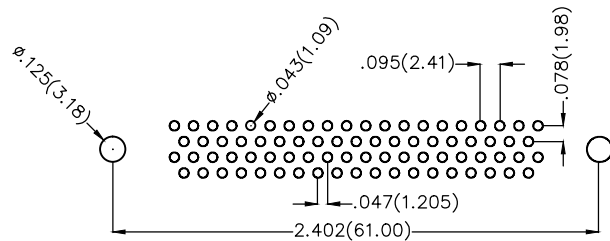
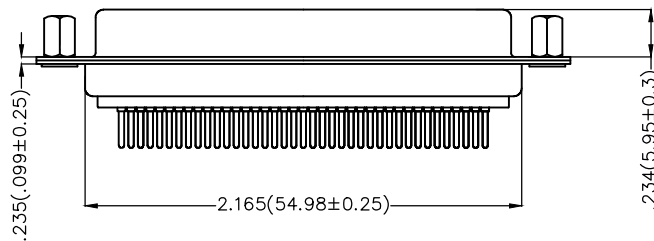
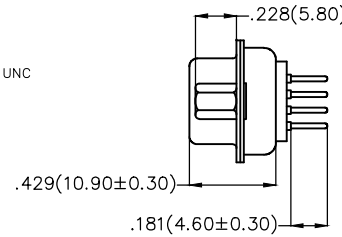
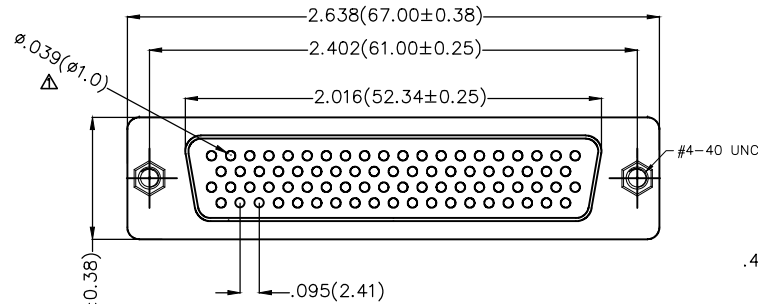
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 30 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
Nuts: Copper Alloy/ Nickel Plated




Recommended P.C.Board Layout

Ordering Information

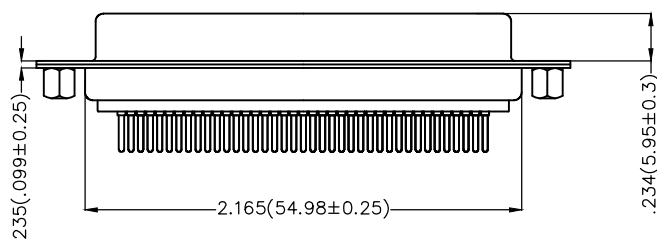
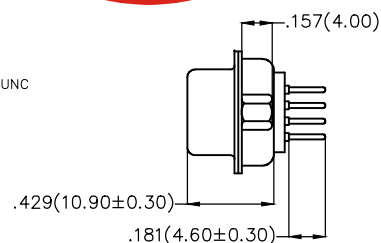
FDB	78	05	—	F0	D	S	X	XX	K6	K	B
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDB- D-SUB Connector		78-78 Circuits		05		F0-Female		D-DIP		S-180° Vertical
7	Plating	8	Thickness of Plating	9	Color-Resin	10	Packaging	11	Distinction Type		
	1-Gold Plated 3-Selective gold in contact area, tin on tail		00-Gold Flash 03-3μ" Custom Plate Available		K6-Black		K-Tray		B-B Type		

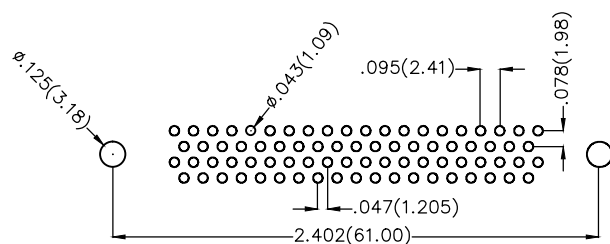
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.		ITEM NO.	 3K-KAMING	
	X.±.012(0.30)	X.±5°	FRANK	28/AUG/13	FDB7805-F0DSXXXK6KB		FDB7805		
DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2°	CHECKED BY	DATE	TITLE			REV 0	SHEET NO. 1/1
SCALE	X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	D-SUB connector				
5:1	X.XXX±.004(0.10)	.XXX'±0.5°	KEVIN	28/AUG/13	78 Circuits 180° Vertical Female				
A4					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG JUN(3K-KAMING) ELECTRONIC PRODUCTS CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



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





<u>FDB</u>	<u>78</u>	<u>05</u>	—	<u>F0</u>	<u>D</u>	<u>S</u>	<u>X</u>	<u>XX</u>	<u>K6</u>	<u>K</u>	<u>C</u>
1	2	3		4	5	6	7	8	9	10	11



Recommended P.C.Board Layout

1	<u>Category</u>	2	<u>Circuits</u>	3	<u>Distinction No.</u>	4	<u>Type</u>	5	<u>Assembly Layout</u>	6	<u>Entry Angle</u>
	FDB- D-SUB Connector		78-78 Circuits		05		F0-Female		D-DIP		S-180° Vertical E
7	<u>Plating</u>	8	<u>Thickness of Plating</u>	9	<u>Color-Resin</u>	10	<u>Packaging</u>	11	<u>Distinction Type</u>		
	1-Gold Plated		00-Gold Flash		K6-Black		K-Tray		C-C Type		
	3-Selective gold in contact area, tin on tail		03-3μ" Custom Plate Available								

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/AUG/13	PART NO. FDB7805-F0DSXXXK6KC		ITEM NO. FDB7805		 3K-KAMING	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE D-SUB connector 78 Circuits 180° Vertical Female		REV 1		SHEET NO. 1/1	
		X.X±.008(0.20)	X.±2°	CHERRY	28/AUG/13						
SCALE 5:1	SIZE A4	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					
		X.XXX±.004(0.10)	XXX±0.5°	KEVIN	28/AUG/13						
4		5		6		7		8			





Electrical

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
Nuts: Copper Alloy/ Nickel Plated

<u>FDB</u>	<u>78</u>	<u>05</u>	—	<u>F0</u>	<u>D</u>	<u>S</u>	<u>X</u>	<u>XX</u>	<u>K6</u>	<u>K</u>	<u>D</u>
1	2	3		4	5	6	7	8	9	10	11

1	<u>Category</u>	2	<u>Circuits</u>	3	<u>Distinction No.</u>	4	<u>Type</u>	5	<u>Assembly Layout</u>	6	<u>Entry Angle</u>
	FDB- D-SUB Connector		78-78 Circuits		05		F0-Female		D-DIP		S-180° Vertical E
7	<u>Plating</u>	8	<u>Thickness of Plating</u>	9	<u>Color-Resin</u>	10	<u>Packaging</u>	11	<u>Distinction Type</u>		
	1-Gold Plated		00-Gold Flash		K6-Black		K-Tray		D-D Type		
	3-Selective gold in contact area, tin on tail		03-3μ" Custom Plate Available								

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/AUG/13	PART NO. FDB7805-F0DSXXXK6KD	ITEM NO. FDB7805	 3K-KAMING	
				CHECKED BY CHERRY	DATE 28/AUG/13	TITLE D-SUB connector 78 Circuits 180° Vertical Female			
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5'	DRAWN BY KEVIN	DATE 28/AUG/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
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	



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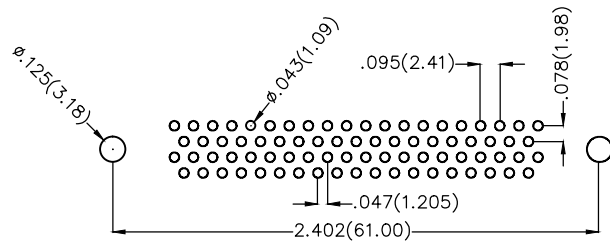
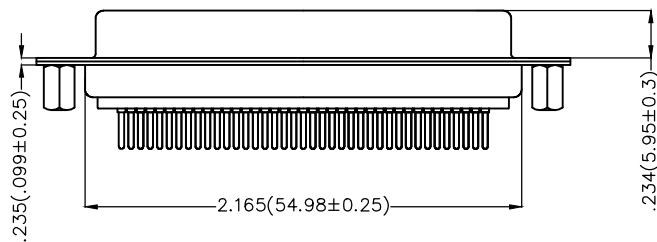
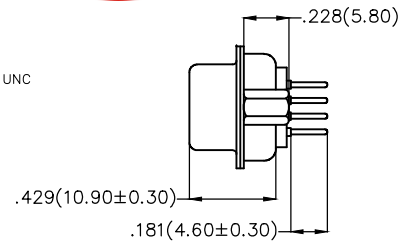
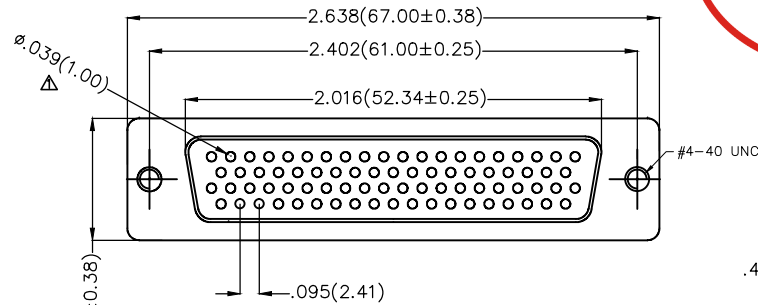
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 30 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
Nuts: Copper Alloy/ Nickel Plated



Recommended P.C.Board Layout

Ordering Information

FDB	78	05	—	F0	D	S	X	XX	K6	K	E
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Circuits	3	Distinction No.	4	Type	5	Assembly Layout	6	Entry Angle
	FDB— D—SUB Connector		78—78 Circuits		05		F0—Female		D—DIP		S—180° Vertical
7	Plating	8	Thickness of Plating	9	Color—Resin	10	Packaging	11	Distinction Type		
	1—Gold Plated 3—Selective gold in contact area, tin on tail		00—Gold Flash 03—3μ" Custom Plate Available		K6—Black		K—Tray		E—E Type		

	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.		ITEM NO.		
	X.±.012(0.30)	X'.±5'	FRANK	28/AUG/13	FDB7805—F0DSXXXK6KE		FDB7805		
	X.X±.008(0.20)	X'.±2'	CHECKED BY	DATE	TITLE				
	X.XX±.006(0.15)	.XX'±1'	CHERRY	28/AUG/13	D—SUB connector				
DESIGN UNITS Inch (metric)	X.XX±.004(0.10)	.XX'±0.5'	DRAWN BY	DATE	78 Circuits 180° Vertical Female			REV 1	SHEET NO. 1/1
SCALE 5:1			KEVIN	28/AUG/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				

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1	△	ADD DIM	13/AUG/15	KEVIN	CHERRY

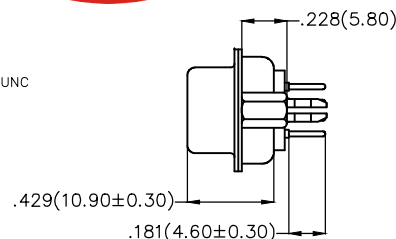
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 30 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
Screws: Copper Alloy/ Nickel Plated

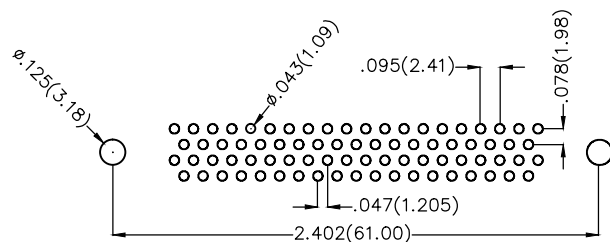
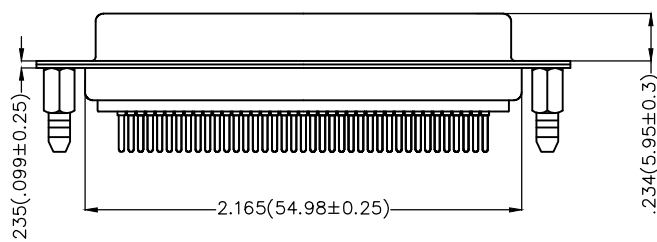
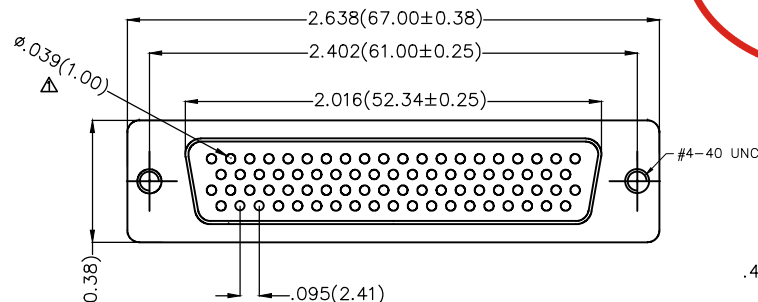


Ordering Information

FDB	78	05	—	F0	D	S	X	XX	K6	K	F
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. 05	4 Type F0—Female	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	10 Packaging K—Tray	11 Distinction Type F—F Type	

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/AUG/13	PART NO. FDB7805—F0DSXXXK6KF	ITEM NO. FDB7805	 3K-KAMING	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5°	CHECKED BY CHERRY	DATE 28/AUG/13	TITLE D—SUB connector 78 Circuits 180° Vertical Female		REV 1	SHEET NO. 1/1
		X.X±.008(0.20)	.X'±2°		DATE 28/AUG/13				
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1°	DRAWN BY KEVIN	DATE 28/AUG/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°		DATE 28/AUG/13				
4		5		6		7		8	



Recommended P.C.Board Layout