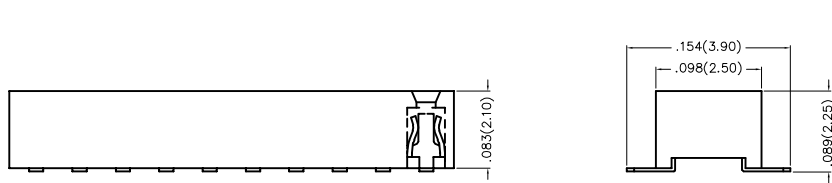
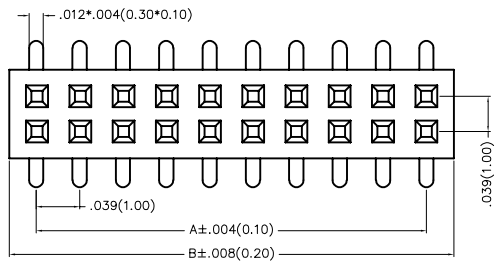


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



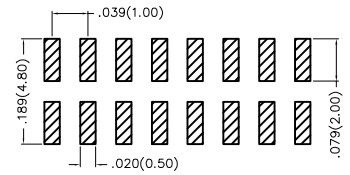
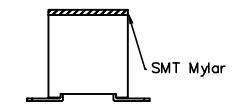
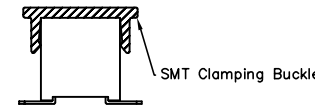
**Electrical**  
 Current Rating: 0.75A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 20 mΩ Max  
 Insulation Resistance: 500 MΩ MIN  
 Withstanding Voltage: 100V AC r.m.s  
 Temperature Range—Operating: -40°C ~ +85°C

**Material and Plating**  
 Housing: PA6T( UL 94V-0)  
 Contact Pin: Phosphor Bronze  
 Plating: Gold Plated



Packing: M—Reel(With Cap)

Packing: M1—Reel(With Mylar)



Recommended P.C.Board Layout



**Ordering Information**

FFH 100 01 — D XX S X XX 4 K6 XX  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 100—Pitch1.0mm	3 Distinction No. 01	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 4—PA6T	10 Color—Resin K6—Black	11 Packaging M—Reel(With Cap) M1—Reel(With Mylar) L—Tube	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFH10001—DXSXXX4K6XX	ITEM NO. FFH10001	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X:±5' X.X±.008(0.20) .X:±2'	CHECKED BY CHERRY	DATE 5/AUG/13	TITLE Board to Board (Female Header) Pitch 1.0mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A<	X.XX±.006(0.15) .XX±1' X.XXX±.004(0.10) .XXX±0.5'	DRAWN BY JACOB	DATE 5/AUG/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LU(3K-KAMI NG) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH10001-D04SXXX4K6M	.039(1.00)	.098(2.50)	44	FFH10001-D44SXXX4K6M	.827(21.00)	.886(22.50)
6	FFH10001-D06SXXX4K6M	.079(2.00)	.138(3.50)	46	FFH10001-D46SXXX4K6M	.866(22.00)	.925(23.50)
8	FFH10001-D08SXXX4K6M	.152(3.00)	.177(4.50)	48	FFH10001-D48SXXX4K6M	.906(23.00)	.965(24.50)
10	FFH10001-D10SXXX4K6M	.157(4.00)	.217(5.50)	50	FFH10001-D50SXXX4K6M	.945(24.00)	1.004(25.50)
12	FFH10001-D12SXXX4K6M	.197(5.00)	.256(6.50)	52	FFH10001-D52SXXX4K6M	.984(25.00)	1.043(26.50)
14	FFH10001-D14SXXX4K6M	.236(6.00)	.296(7.50)	54	FFH10001-D54SXXX4K6M	1.024(26.00)	1.083(27.50)
16	FFH10001-D16SXXX4K6M	.276(7.00)	.335(8.50)	56	FFH10001-D56SXXX4K6M	1.063(27.00)	1.122(28.50)
18	FFH10001-D18SXXX4K6M	.315(8.00)	.374(9.50)	58	FFH10001-D58SXXX4K6M	1.102(28.00)	1.161(29.50)
20	FFH10001-D20SXXX4K6M	.354(9.00)	.413(10.50)	60	FFH10001-D60SXXX4K6M	1.142(29.00)	1.201(30.50)
22	FFH10001-D22SXXX4K6M	.394(10.00)	.453(11.50)	62	FFH10001-D62SXXX4K6M	1.181(30.00)	1.240(31.50)
24	FFH10001-D24SXXX4K6M	.433(11.00)	.492(12.50)	64	FFH10001-D64SXXX4K6M	1.221(31.00)	1.280(32.50)
26	FFH10001-D26SXXX4K6M	.472(12.00)	.531(13.50)	66	FFH10001-D66SXXX4K6M	1.260(32.00)	1.319(33.50)
28	FFH10001-D28SXXX4K6M	.512(13.00)	.571(14.50)	68	FFH10001-D68SXXX4K6M	1.299(33.00)	1.358(34.50)
30	FFH10001-D30SXXX4K6M	.551(14.00)	.610(15.50)	70	FFH10001-D70SXXX4K6M	1.339(34.00)	1.397(35.50)
32	FFH10001-D32SXXX4K6M	.591(15.00)	.650(16.50)	72	FFH10001-D72SXXX4K6M	1.378(35.00)	1.437(36.50)
34	FFH10001-D34SXXX4K6M	.630(16.00)	.689(17.50)	74	FFH10001-D74SXXX4K6M	1.417(36.00)	1.476(37.50)
36	FFH10001-D36SXXX4K6M	.670(17.00)	.728(18.50)	76	FFH10001-D76SXXX4K6M	1.457(37.00)	1.516(38.50)
38	FFH10001-D38SXXX4K6M	.709(18.00)	.767(19.50)	78	FFH10001-D78SXXX4K6M	1.496(38.00)	1.555(39.50)
40	FFH10001-D40SXXX4K6M	.748(19.00)	.807(20.50)	80	FFH10001-D80SXXX4K6M	1.535(39.00)	1.594(40.50)
42	FFH10001-D42SXXX4K6M	.787(20.00)	.846(21.50)				

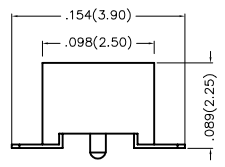
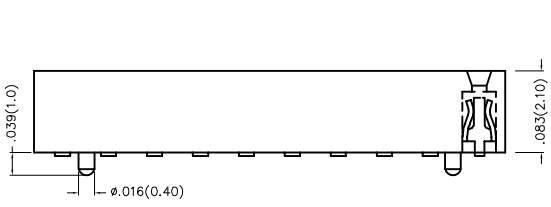
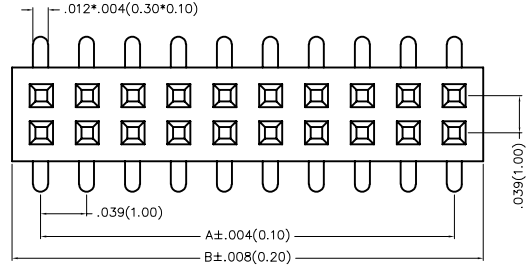


 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMING®
	X.±.012(0.30)	X.±5'	FRANK	5/AUG/13	FFH10001-DXXSXXX4K6XX	FFH10001	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	.XX'±1'	CHERRY	5/AUG/13	Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)	REV 0	SHEET NO. 2/2
SCALE 5:1	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY JACOB	DATE 5/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		

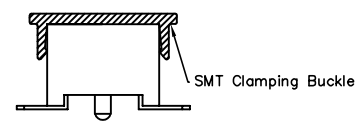
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part NO. FFH10002 Change to FFH10001A	20150831	CHERRY	FAN



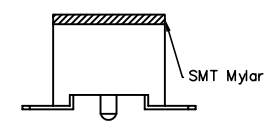
Electrical  
 Current Rating: 0.75A AC(rms)/DC  
 Voltage Rating: 250V AC(rms)/DC  
 Contact Resistance: 20 mΩ Max  
 Insulation Resistance: 500 MΩ MIN  
 Withstanding Voltage: 100V AC r.m.s  
 Temperature Range—Operating: -40°C~+85°C  
 Material and Plating  
 Housing: Glass Filled Polyester( UL 94V-0)  
 Contact Pin: Plating: Full gold



Packing: M—Reel(With Cap)



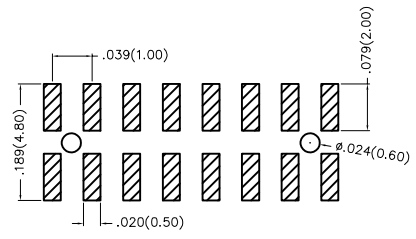
Packing: M1—Reel(With Mylar)



Ordering Information

FFH 100 01 — D XX S X XX 4 K6 XX A  
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFH—Female Header	2 Series Number 100—Pitch1.00mm	3 Distinction No. 1	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 4—PA6T	10 Color—Resin K6—Black	11 Packaging M—Reel(With Cap) M1—Reel(With Mylar) L—Tube	12 Type A—With Position



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. △ FFH10001—DXXSXXX4K6MA	ITEM NO. FFH10001	
	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 CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A-L	DRAWN BY JACOB		DATE 10/JUL/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		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
8	FFH10001-D08SXXX4K6MA	.118(3.00)	.177(4.50)	46	FFH10001-D46S1XX4K6MA	.866(22.00)	.925(23.50)
10	FFH10001-D10SXXX4K6MA	.157(4.00)	.217(5.50)	48	FFH10001-D48S1XX4K6MA	.906(23.00)	.965(24.50)
12	FFH10001-D12SXXX4K6MA	.197(5.00)	.256(6.50)	50	FFH10001-D50S1XX4K6MA	.945(24.00)	1.004(25.50)
14	FFH10001-D14SXXX4K6MA	.236(6.00)	.296(7.50)	52	FFH10001-D52S1XX4K6MA	.984(25.00)	1.043(26.50)
16	FFH10001-D16SXXX4K6MA	.276(7.00)	.335(8.50)	54	FFH10001-D54S1XX4K6MA	1.024(26.00)	1.083(27.50)
18	FFH10001-D18SXXX4K6MA	.315(8.00)	.374(9.50)	56	FFH10001-D56S1XX4K6MA	1.063(27.00)	1.122(28.50)
20	FFH10001-D20SXXX4K6MA	.354(9.00)	.413(10.50)	58	FFH10001-D58S1XX4K6MA	1.102(28.00)	1.161(29.50)
22	FFH10001-D22SXXX4K6MA	.394(10.00)	.453(11.50)	60	FFH10001-D60S1XX4K6MA	1.142(29.00)	1.201(30.50)
24	FFH10001-D24S1XX4K6MA	.433(11.00)	.492(12.50)	62	FFH10001-D62S1XX4K6MA	1.181(30.00)	1.240(31.50)
26	FFH10001-D26S1XX4K6MA	.472(12.00)	.531(13.50)	64	FFH10001-D64S1XX4K6MA	1.221(31.00)	1.280(32.50)
28	FFH10001-D28S1XX4K6MA	.512(13.00)	.571(14.50)	66	FFH10001-D66S1XX4K6MA	1.260(32.00)	1.319(33.50)
30	FFH10001-D30S1XX4K6MA	.551(14.00)	.610(15.50)	68	FFH10001-D68S1XX4K6MA	1.299(33.00)	1.358(34.50)
32	FFH10001-D32S1XX4K6MA	.591(15.00)	.650(16.50)	70	FFH10001-D70S1XX4K6MA	1.339(34.00)	1.397(35.50)
34	FFH10001-D34S1XX4K6MA	.630(16.00)	.689(17.50)	72	FFH10001-D72S1XX4K6MA	1.378(35.00)	1.437(36.50)
36	FFH10001-D36S1XX4K6MA	.670(17.00)	.728(18.50)	74	FFH10001-D74S1XX4K6MA	1.417(36.00)	1.476(37.50)
38	FFH10001-D38S1XX4K6MA	.709(18.00)	.767(19.50)	76	FFH10001-D76S1XX4K6MA	1.457(37.00)	1.516(38.50)
40	FFH10001-D40S1XX4K6MA	.748(19.00)	.807(20.50)	78	FFH10001-D78S1XX4K6MA	1.496(38.00)	1.555(39.50)
42	FFH10001-D42S1XX4K6MA	.787(20.00)	.846(21.50)	80	FFH10001-D80S1XX4K6MA	1.535(39.00)	1.594(40.50)
44	FFH10001-D44S1XX4K6MA	.827(21.00)	.886(22.50)				



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMING
	X.±.012(0.30)	X.'±5'	FRANK	10/JUL/13	FFH10001-DXXSXXX4K6MA	FFH10001	
	DESIGN UNITS Inch (metric)		CHECKED BY	DATE	TITLE		
	X.X±.008(0.20)	X.'±2'	CHERRY	10/JUL/13	Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A<	X.XX±.006(0.15)	.XX'±1'	DRAWN BY	DATE	REV 1	SHEET NO. 2/2
		X.XXX±.004(0.10)	.XXX'±0.5'	JACOB	10/JUL/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	

1 2 3 4 5 6 7 8