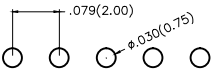
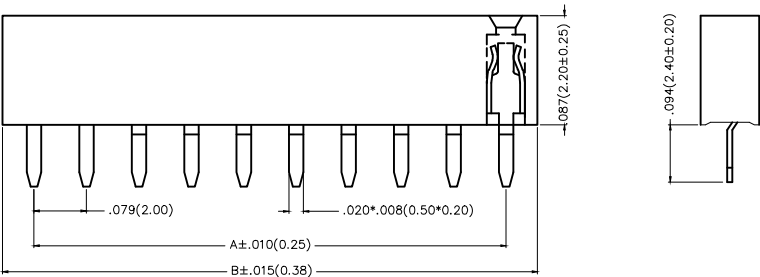
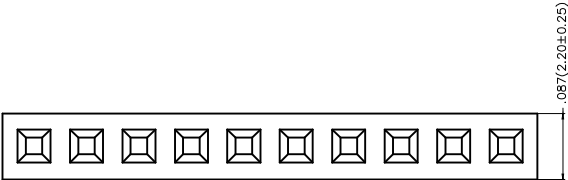


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Electrical
Current Rating: 2A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 m Ω Max
Insulation Resistance: 500 M Ω MIN
Withstanding Voltage: 100V AC r.m.s
Temperature Range—Operating: -25°C~+85°C
Material and Plating
Housing: PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



Recommended P.C.Board Layout

Ordering Information

FFH 200 17 — S XX S X XX 4 K6 K
1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 200—Pitch 2.0mm	3 Distinction No. 17	4 Row Option S—Single Row	5 Circuits XX	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 05—5μ" Custom plate available	9 Material—Resin 4—PA6T	10 Color—Resin K6—Black	11 Packaging K—Tray	

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-SXXSXXX4K6K	ITEM NO. FFH20017	 3K-KAMING	
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	X.±2°	CHERRY	22/AUG/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°	JACOB	22/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			
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
2	FFH20017-S02SXXX4K6K	.079(2.00)	.177(4.50)	22	FFH20017-S22SXXX4K6K	1.654(42.00)	1.752(44.50)
3	FFH20017-S03SXXX4K6K	.157(4.00)	.256(6.50)	23	FFH20017-S23SXXX4K6K	1.732(44.00)	1.831(46.50)
4	FFH20017-S04SXXX4K6K	.236(6.00)	.335(8.50)	24	FFH20017-S24SXXX4K6K	1.811(46.00)	1.909(48.50)
5	FFH20017-S05SXXX4K6K	.315(8.00)	.413(10.50)	25	FFH20017-S25SXXX4K6K	1.890(48.00)	1.988(50.50)
6	FFH20017-S06SXXX4K6K	.394(10.00)	.492(12.50)	26	FFH20017-S26SXXX4K6K	1.969(50.00)	2.067(52.50)
7	FFH20017-S07SXXX4K6K	.472(12.00)	.571(14.50)	27	FFH20017-S27SXXX4K6K	2.047(52.00)	2.146(54.50)
8	FFH20017-S08SXXX4K6K	.551(14.00)	.650(16.50)	28	FFH20017-S28SXXX4K6K	2.126(54.00)	2.224(56.50)
9	FFH20017-S09SXXX4K6K	.630(16.00)	.728(18.50)	29	FFH20017-S29SXXX4K6K	2.205(56.00)	2.303(58.50)
10	FFH20017-S10SXXX4K6K	.709(18.00)	.807(20.50)	30	FFH20017-S30SXXX4K6K	2.283(58.00)	2.382(60.50)
11	FFH20017-S11SXXX4K6K	.787(20.00)	.886(22.50)	31	FFH20017-S31SXXX4K6K	2.362(60.00)	2.460(62.50)
12	FFH20017-S12SXXX4K6K	.866(22.00)	.965(24.50)	32	FFH20017-S32SXXX4K6K	2.441(62.00)	2.539(64.50)
13	FFH20017-S13SXXX4K6K	.845(24.00)	1.043(26.50)	33	FFH20017-S33SXXX4K6K	2.520(64.00)	2.618(66.50)
14	FFH20017-S14SXXX4K6K	1.024(26.00)	1.122(28.50)	34	FFH20017-S34SXXX4K6K	2.598(66.00)	2.697(68.50)
15	FFH20017-S15SXXX4K6K	1.102(28.00)	1.201(30.50)	35	FFH20017-S35SXXX4K6K	2.677(68.00)	2.776(70.50)
16	FFH20017-S16SXXX4K6K	1.181(30.00)	1.280(32.50)	36	FFH20017-S36SXXX4K6K	2.756(70.00)	2.854(72.50)
17	FFH20017-S17SXXX4K6K	1.260(32.00)	1.358(34.50)	37	FFH20017-S37SXXX4K6K	2.835(72.00)	2.933(74.50)
18	FFH20017-S18SXXX4K6K	1.339(34.00)	1.437(36.50)	38	FFH20017-S38SXXX4K6K	2.913(74.00)	3.012(76.50)
19	FFH20017-S19SXXX4K6K	1.417(36.00)	1.516(38.50)	39	FFH20017-S39SXXX4K6K	2.992(76.00)	3.091(78.50)
20	FFH20017-S20SXXX4K6K	1.496(38.00)	1.594(40.50)	40	FFH20017-S40SXXX4K6K	3.071(78.00)	3.169(80.50)
21	FFH20017-S21SXXX4K6K	1.575(40.00)	1.673(42.50)				

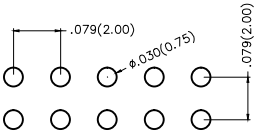
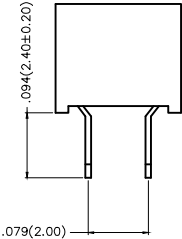
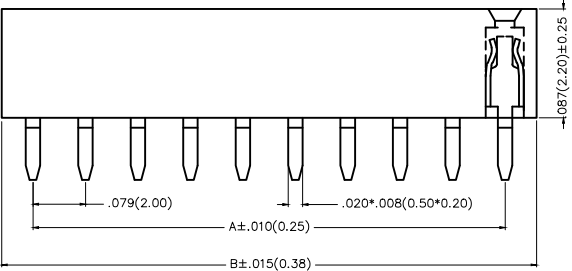
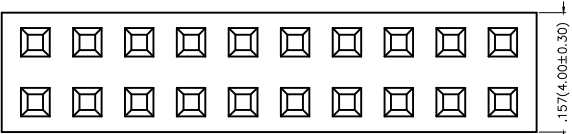


 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-SXXSXXX4K6K	ITEM NO. FFH20017	 3K-KAMING	
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (DIP)		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	X.±2°	CHERRY	22/AUG/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°	JACOB	22/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			
4		5		6		7		8	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Electrical
Current Rating: 2A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 m Ω Max
Insulation Resistance: 500 M Ω MIN
Withstanding Voltage: 100V AC r.m.s
Temperature Range—Operating: -25°C~+85°C
Material and Plating
Housing: PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



Recommended P.C.Board Layout



Ordering Information

FFH 200 17 — D XX S X XX 4 K6 K
1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 200—Pitch 2.0mm	3 Distinction No. 17	4 Row Option D—Double Row	5 Circuits XX	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 05—5μ" Custom plate available	9 Material—Resin 4—PA6T	10 Color—Resin K6—Black	11 Packaging K—Tray	

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-DXXSXXX4K6K	ITEM NO. FFH20017		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)		3K-KAMING	
		X.X±.008(0.20)	.X'±2°	CHERRY	22/AUG/13				
		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°	JACOB	22/AUG/13				
SCALE 5:1	SIZE A4	REV 0 SHEET NO. 1/1							

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	FFH20017-D04SXXX4K6K	.079(2.00)	.177(4.50)	44	FFH20017-D44SXXX4K6K	1.654(42.00)	1.752(44.50)
6	FFH20017-D06SXXX4K6K	.157(4.00)	.256(6.50)	46	FFH20017-D46SXXX4K6K	1.732(44.00)	1.831(46.50)
8	FFH20017-D08SXXX4K6K	.236(6.00)	.335(8.50)	48	FFH20017-D48SXXX4K6K	1.811(46.00)	1.909(48.50)
10	FFH20017-D10SXXX4K6K	.315(8.00)	.413(10.50)	50	FFH20017-D50SXXX4K6K	1.890(48.00)	1.988(50.50)
12	FFH20017-D12SXXX4K6K	.394(10.00)	.492(12.50)	52	FFH20017-D52SXXX4K6K	1.969(50.00)	2.067(52.50)
14	FFH20017-D14SXXX4K6K	.472(12.00)	.571(14.50)	54	FFH20017-D54SXXX4K6K	2.047(52.00)	2.146(54.50)
16	FFH20017-D16SXXX4K6K	.551(14.00)	.650(16.50)	56	FFH20017-D56SXXX4K6K	2.126(54.00)	2.224(56.50)
18	FFH20017-D18SXXX4K6K	.630(16.00)	.728(18.50)	58	FFH20017-D58SXXX4K6K	2.205(56.00)	2.303(58.50)
20	FFH20017-D20SXXX4K6K	.709(18.00)	.807(20.50)	60	FFH20017-D60SXXX4K6K	2.283(58.00)	2.382(60.50)
22	FFH20017-D22SXXX4K6K	.787(20.00)	.886(22.50)	62	FFH20017-D62SXXX4K6K	2.362(60.00)	2.460(62.50)
24	FFH20017-D24SXXX4K6K	.866(22.00)	.965(24.50)	64	FFH20017-D64SXXX4K6K	2.441(62.00)	2.539(64.50)
26	FFH20017-D26SXXX4K6K	.845(24.00)	1.043(26.50)	66	FFH20017-D66SXXX4K6K	2.520(64.00)	2.618(66.50)
28	FFH20017-D28SXXX4K6K	1.024(26.00)	1.122(28.50)	68	FFH20017-D68SXXX4K6K	2.598(66.00)	2.697(68.50)
30	FFH20017-D30SXXX4K6K	1.102(28.00)	1.201(30.50)	70	FFH20017-D70SXXX4K6K	2.677(68.00)	2.776(70.50)
32	FFH20017-D32SXXX4K6K	1.181(30.00)	1.280(32.50)	72	FFH20017-D72SXXX4K6K	2.756(70.00)	2.854(72.50)
34	FFH20017-D34SXXX4K6K	1.260(32.00)	1.358(34.50)	74	FFH20017-D74SXXX4K6K	2.835(72.00)	2.933(74.50)
36	FFH20017-D36SXXX4K6K	1.339(34.00)	1.437(36.50)	76	FFH20017-D76SXXX4K6K	2.913(74.00)	3.012(76.50)
38	FFH20017-D38SXXX4K6K	1.417(36.00)	1.516(38.50)	78	FFH20017-D78SXXX4K6K	2.992(76.00)	3.091(78.50)
40	FFH20017-D40SXXX4K6K	1.496(38.00)	1.594(40.50)	80	FFH20017-D80SXXX4K6K	3.071(78.00)	3.169(80.50)
42	FFH20017-D42SXXX4K6K	1.575(40.00)	1.673(42.50)				



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-DXXSXXX4K6K	ITEM NO. FFH20017	 3K-KAMING®	
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X'±5"	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (DIP)		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	X'±2"	CHERRY	22/AUG/13				
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X'±1"	DRAWN BY	DATE		
X.XXX±.004(0.10)		X.XX'±0.5"	JACOB	22/AUG/13					
4		5		6		7		8	