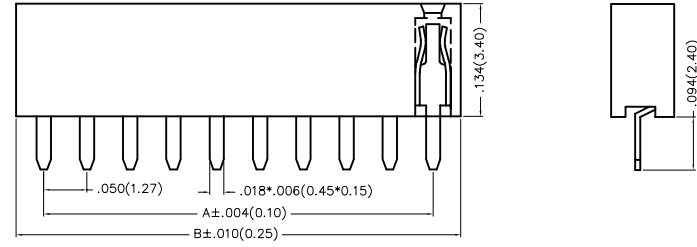
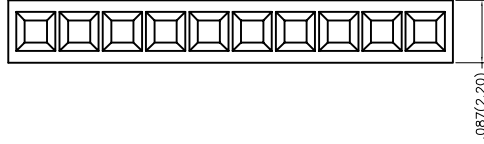


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Electrical
 Current Rating: 1A 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: -25°C~+85°C

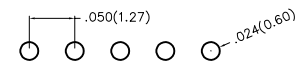
Material and Plating
 Housing: PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold in contact area, matte(bright) tin on tail



Ordering Information

FFH 127 03 — 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 127—Pitch1.27mm	3 Distinction No. 03	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, matte(bright) 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	



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12703-SXXSXX4K6K	ITEM NO. FFH12703	 3K-KAMING
	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 10/JUL/13			
SCALE 5:1	SIZE A<	X.XXX±.006(0.15)					
		X.XXX±.004(0.10)					

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	FFH12703-S02SXXX4K6K	.050(1.27)	.114(2.89)	22	FFH12703-S22SXXX4K6K	1.050(26.67)	1.114(28.29)
3	FFH12703-S03SXXX4K6K	.100(2.54)	.164(4.16)	23	FFH12703-S23SXXX4K6K	1.100(27.94)	1.164(29.56)
4	FFH12703-S04SXXX4K6K	.150(3.81)	.214(5.43)	24	FFH12703-S24SXXX4K6K	1.150(29.21)	1.214(30.83)
5	FFH12703-S05SXXX4K6K	.200(5.08)	.264(6.70)	25	FFH12703-S25SXXX4K6K	1.200(30.48)	1.264(32.10)
6	FFH12703-S06SXXX4K6K	.250(6.35)	.314(7.97)	26	FFH12703-S26SXXX4K6K	1.250(31.75)	1.314(33.37)
7	FFH12703-S07SXXX4K6K	.300(7.62)	.364(9.24)	27	FFH12703-S27SXXX4K6K	1.300(33.02)	1.364(34.64)
8	FFH12703-S08SXXX4K6K	.350(8.89)	.414(10.51)	28	FFH12703-S28SXXX4K6K	1.350(34.29)	1.414(35.91)
9	FFH12703-S09SXXX4K6K	.400(10.16)	.464(11.78)	29	FFH12703-S29SXXX4K6K	1.400(35.56)	1.464(37.18)
10	FFH12703-S10SXXX4K6K	.450(11.43)	.514(13.05)	30	FFH12703-S30SXXX4K6K	1.450(36.83)	1.514(38.45)
11	FFH12703-S11SXXX4K6K	.500(12.70)	.564(14.32)	31	FFH12703-S31SXXX4K6K	1.500(38.10)	1.564(39.72)
12	FFH12703-S12SXXX4K6K	.550(13.97)	.614(15.59)	32	FFH12703-S32SXXX4K6K	1.550(39.37)	1.614(40.99)
13	FFH12703-S13SXXX4K6K	.600(15.24)	.664(16.86)	33	FFH12703-S33SXXX4K6K	1.600(40.64)	1.664(42.26)
14	FFH12703-S14SXXX4K6K	.650(16.51)	.714(18.13)	34	FFH12703-S34SXXX4K6K	1.650(41.91)	1.714(43.53)
15	FFH12703-S15SXXX4K6K	.700(17.78)	.764(19.40)	35	FFH12703-S35SXXX4K6K	1.700(43.18)	1.764(44.80)
16	FFH12703-S16SXXX4K6K	.750(19.05)	.814(20.67)	36	FFH12703-S36SXXX4K6K	1.750(44.45)	1.814(46.07)
17	FFH12703-S17SXXX4K6K	.800(20.32)	.864(21.94)	37	FFH12703-S37SXXX4K6K	1.800(45.72)	1.864(47.34)
18	FFH12703-S18SXXX4K6K	.850(21.59)	.914(23.21)	38	FFH12703-S38SXXX4K6K	1.850(46.99)	1.914(48.61)
19	FFH12703-S19SXXX4K6K	.900(22.86)	.964(24.48)	39	FFH12703-S39SXXX4K6K	1.900(48.26)	1.964(49.88)
20	FFH12703-S20SXXX4K6K	.950(24.13)	1.014(25.75)	40	FFH12703-S40SXXX4K6K	1.950(49.53)	2.014(51.55)
21	FFH12703-S21SXXX4K6K	1.000(25.40)	1.064(27.02)				



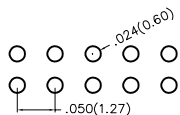
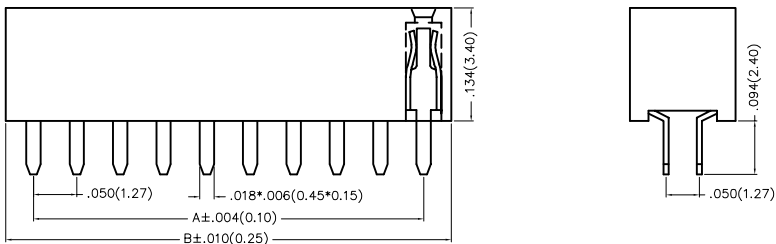
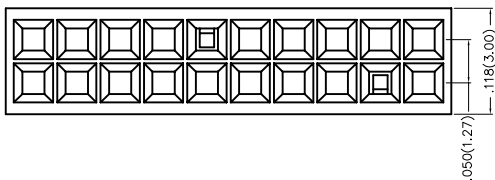
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>3K-KAMING</p>
	X.±.012(0.30)	X.±5'	FRANK	10/JUL/13	FFH12703-SXXSXXX4K6K	FFH12703	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	10/JUL/13	Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)	REV 0	
SCALE 5:1	SIZE A/L	X.XXX±.004(0.10)	.XXX'±0.5'	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	
			JACOB	10/JUL/13			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Electrical
 Current Rating: 1A 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: -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 127 03 — 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 127—Pitch1.27mm	3 Distinction No. 03	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, matte(bright) 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 DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12703-DXXSXX4K6K	ITEM NO. FFH12703	 3K-KAMING REV 0 SHEET NO. 1/2
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		
	X.X±.008(0.20)	.X'±2'	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		

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	FFH12703-D04SXXX4K6K	.050(1.27)	.114(2.89)	44	FFH12703-D44SXXX4K6K	1.050(26.67)	1.114(28.29)
6	FFH12703-D06SXXX4K6K	.100(2.54)	.164(4.16)	46	FFH12703-D46SXXX4K6K	1.100(27.94)	1.164(29.56)
8	FFH12703-D08SXXX4K6K	.150(3.81)	.214(5.43)	48	FFH12703-D48SXXX4K6K	1.150(29.21)	1.214(30.83)
10	FFH12703-D10SXXX4K6K	.200(5.08)	.264(6.70)	50	FFH12703-D50SXXX4K6K	1.200(30.48)	1.264(32.10)
12	FFH12703-D12SXXX4K6K	.250(6.35)	.314(7.97)	52	FFH12703-D52SXXX4K6K	1.250(31.75)	1.314(33.37)
14	FFH12703-D14SXXX4K6K	.300(7.62)	.364(9.24)	54	FFH12703-D54SXXX4K6K	1.300(33.02)	1.364(34.64)
16	FFH12703-D16SXXX4K6K	.350(8.89)	.414(10.51)	56	FFH12703-D56SXXX4K6K	1.350(34.29)	1.414(35.91)
18	FFH12703-D18SXXX4K6K	.400(10.16)	.464(11.78)	58	FFH12703-D58SXXX4K6K	1.400(35.56)	1.464(37.18)
20	FFH12703-D20SXXX4K6K	.450(11.43)	.514(13.05)	60	FFH12703-D60SXXX4K6K	1.450(36.83)	1.514(38.45)
22	FFH12703-D22SXXX4K6K	.500(12.70)	.564(14.32)	62	FFH12703-D62SXXX4K6K	1.500(38.10)	1.564(39.72)
24	FFH12703-D24SXXX4K6K	.550(13.97)	.614(15.59)	64	FFH12703-D64SXXX4K6K	1.550(39.37)	1.614(40.99)
26	FFH12703-D26SXXX4K6K	.600(15.24)	.664(16.86)	66	FFH12703-D66SXXX4K6K	1.600(40.64)	1.664(42.26)
28	FFH12703-D28SXXX4K6K	.650(16.51)	.714(18.13)	68	FFH12703-D68SXXX4K6K	1.650(41.91)	1.714(43.53)
30	FFH12703-D30SXXX4K6K	.700(17.78)	.764(19.40)	70	FFH12703-D70SXXX4K6K	1.700(43.18)	1.764(44.80)
32	FFH12703-D32SXXX4K6K	.750(19.05)	.814(20.67)	72	FFH12703-D72SXXX4K6K	1.750(44.45)	1.814(46.07)
34	FFH12703-D34SXXX4K6K	.800(20.32)	.864(21.94)	74	FFH12703-D74SXXX4K6K	1.800(45.72)	1.864(47.34)
36	FFH12703-D36SXXX4K6K	.850(21.59)	.914(23.21)	76	FFH12703-D76SXXX4K6K	1.850(46.99)	1.914(48.61)
38	FFH12703-D38SXXX4K6K	.900(22.86)	.964(24.48)	78	FFH12703-D78SXXX4K6K	1.900(48.26)	1.964(49.88)
40	FFH12703-D40SXXX4K6K	.950(24.13)	1.014(25.75)	80	FFH12703-D80SXXX4K6K	1.950(49.53)	2.014(51.55)
42	FFH12703-D42SXXX4K6K	1.000(25.40)	1.064(27.02)				



 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	FFH12703-DXXSXXX4K6K	FFH12703		
	X.X±.008(0.20)	X.'±2'	CHECKED BY	DATE	TITLE			
	X.XX±.006(0.15)	.XX'±1'	CHERRY	10/JUL/13	Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)			
SCALE 5:1	SIZE A<	X.XXX±.004(0.10)	.XXX'±0.5'	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	REV 0	SHEET NO. 2/2
			JACOB		10/JUL/13			