

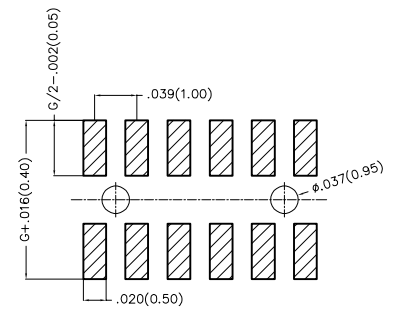
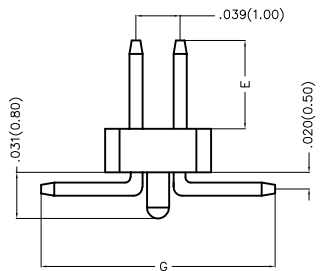
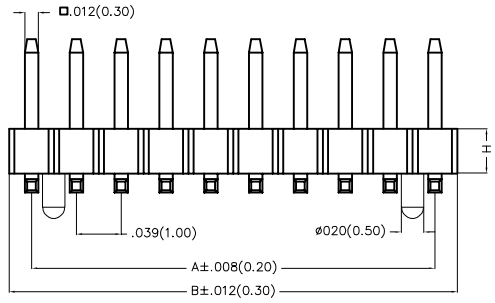
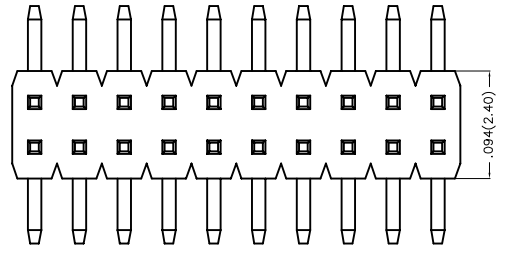
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

Electrical
 Current Rating: 1.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 300V AC r.m.s
 Temperature Range—Operating: -40°C~+105°C

Material
 Housing: Glass Filled Polyester (UL 94V-0), Color: Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



Recommended P.C.Board Layout

Ordering Information

FPH 100 33 - D XX S X XX 4 XX XX X 0 M
 1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH—Pin Header	2 Series Number 100—Pitch1.00mm	3 Distinction No. 33	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical	7 Plating 1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area
8 Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 4—PA6T	10 E Size 01,02...—Serial number (See Table1)	11 G Size 01,02...—Serial number (See Table1)	12 H Size 1,2...—Serial number (See Table1)	13 Packaging M—Reel	



 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.±5' X.X±.008(0.20) .X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK CHECKED BY CHERRY DRAWN BY ZOEY	DATE 26/DEC/19 DATE 26/DEC/19 DATE 26/DEC/19	PART NO. FPH10033-DXXXXXX4XXXXX0M TITLE Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(SMT)	ITEM NO. FPH10033 REV 0 SHEET NO. 1/3	 3K-KAMING 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

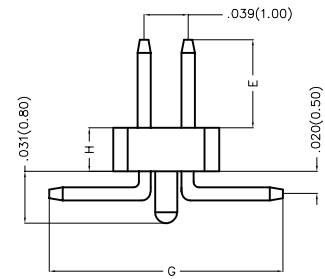
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1



Serial number	Dimensions(in/mm)		Serial number	Dimensions(in/mm)	
	E			E	
01	.059(1.50)		19	.236(6.00)	
02	.069(1.75)		20	.246(6.25)	
03	.079(2.00)		21	.256(6.50)	
04	.089(2.25)		22	.266(6.75)	
05	.098(2.50)		23	.276(7.00)	
06	.108(2.75)		24	.285(7.25)	
07	.118(3.00)		25	.295(7.50)	
08	.128(3.25)		26	.305(7.75)	
09	.138(3.50)		27	.315(8.00)	
10	.148(3.75)		28	.325(8.25)	
11	.157(4.00)		29	.335(8.50)	
12	.167(4.25)		30	.344(8.75)	
13	.177(4.50)		31	.354(9.00)	
14	.187(4.75)		32	.364(9.25)	
15	.197(5.00)		33	.374(9.50)	
16	.207(5.25)		34	.384(9.75)	
17	.217(5.50)		35	.394(10.00)	
18	.226(5.75)				

Serial number	Dimensions(in/mm)	
	G	
01	.138(3.50)	
02	.148(3.75)	
03	.157(4.00)	
04	.167(4.25)	
05	.177(4.50)	
06	.187(4.75)	
07	.197(5.00)	
08	.207(5.25)	
09	.217(5.50)	
10	.226(5.75)	
11	.236(6.00)	
12	.246(6.25)	
13	.256(6.50)	



Serial number	Dimensions(in/mm)	
	H	
1	.039(1.00)	
2	.059(1.50)	
3	.079(2.00)	
4	.098(2.50)	



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMING
	X.±.012(0.30)	X.±5'	FRANK	26/DEC/19	FPH10033-DXXSXXX4XXXXX0M	FPH10033	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX±1'	CHEERY	26/DEC/19	Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(SMT)		
SCALE	SIZE	X.XXX±.004(0.10)	.XX±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	
5:1	A<			ZOEY	26/DEC/19	REV 0	SHEET NO. 2/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
6	FPH10033-D06SXXX4XXXXX0M	.079(2.00)	.118(3.00)	44	FPH10033-D44SXXX4XXXXX0M	.827(21.00)	.866(22.00)
8	FPH10033-D08SXXX4XXXXX0M	.118(3.00)	.157(4.00)	46	FPH10033-D46SXXX4XXXXX0M	.866(22.00)	.906(23.00)
10	FPH10033-D10SXXX4XXXXX0M	.157(4.00)	.197(5.00)	48	FPH10033-D48SXXX4XXXXX0M	.906(23.00)	.945(24.00)
12	FPH10033-D12SXXX4XXXXX0M	.197(5.00)	.236(6.00)	50	FPH10033-D50SXXX4XXXXX0M	.945(24.00)	.984(25.00)
14	FPH10033-D14SXXX4XXXXX0M	.236(6.00)	.276(7.00)	52	FPH10033-D52SXXX4XXXXX0M	.984(25.00)	1.024(26.00)
16	FPH10033-D16SXXX4XXXXX0M	.276(7.00)	.315(8.00)	54	FPH10033-D54SXXX4XXXXX0M	1.024(26.00)	1.063(27.00)
18	FPH10033-D18SXXX4XXXXX0M	.315(8.00)	.354(9.00)	56	FPH10033-D56SXXX4XXXXX0M	1.063(27.00)	1.102(28.00)
20	FPH10033-D20SXXX4XXXXX0M	.354(9.00)	.394(10.00)	58	FPH10033-D58SXXX4XXXXX0M	1.102(28.00)	1.142(29.00)
22	FPH10033-D22SXXX4XXXXX0M	.394(10.00)	.443(11.00)	60	FPH10033-D60SXXX4XXXXX0M	1.142(29.00)	1.181(30.00)
24	FPH10033-D24SXXX4XXXXX0M	.443(11.00)	.472(12.00)	62	FPH10033-D62SXXX4XXXXX0M	1.181(30.00)	1.220(31.00)
26	FPH10033-D26SXXX4XXXXX0M	.472(12.00)	.512(13.00)	64	FPH10033-D64SXXX4XXXXX0M	1.220(31.00)	1.260(32.00)
28	FPH10033-D28SXXX4XXXXX0M	.512(13.00)	.551(14.00)	66	FPH10033-D66SXXX4XXXXX0M	1.260(32.00)	1.130(33.00)
30	FPH10033-D30SXXX4XXXXX0M	.551(14.00)	.591(15.00)	68	FPH10033-D68SXXX4XXXXX0M	1.130(33.00)	1.339(34.00)
32	FPH10033-D32SXXX4XXXXX0M	.591(15.00)	.630(16.00)	70	FPH10033-D70SXXX4XXXXX0M	1.339(34.00)	1.379(35.00)
34	FPH10033-D34SXXX4XXXXX0M	.630(16.00)	.669(17.00)	72	FPH10033-D72SXXX4XXXXX0M	1.379(35.00)	1.417(36.00)
36	FPH10033-D36SXXX4XXXXX0M	.669(17.00)	.709(18.00)	74	FPH10033-D74SXXX4XXXXX0M	1.417(36.00)	1.457(37.00)
38	FPH10033-D38SXXX4XXXXX0M	.709(18.00)	.748(19.00)	76	FPH10033-D76SXXX4XXXXX0M	1.457(37.00)	1.497(38.00)
40	FPH10033-D40SXXX4XXXXX0M	.748(19.00)	.787(20.00)	78	FPH10033-D78SXXX4XXXXX0M	1.497(38.00)	1.535(39.00)
42	FPH10033-D42SXXX4XXXXX0M	.787(20.00)	.827(21.00)	80	FPH10033-D80SXXX4XXXXX0M	1.535(39.00)	1.575(40.00)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMI NG	
	X.±.012(0.30)	X'.±5'	FRANK	26/DEC/19	FPH10033-DXXSXXX4XXXXX0M	FPH10033		
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE	REV 0		SHEET NO. 3/3
	X.XX±.006(0.15)	.XX'±1'	CHERRY	26/DEC/19	Board to Board (Pin Header) Pitch 1.00mm 180° Vertical(SMT)			
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMI NG) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WI THOUT WRIT TEN PERMISS ION		
5:1	A/L			ZOEY	26/DEC/19			