

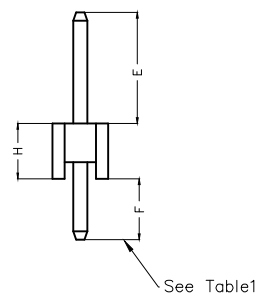
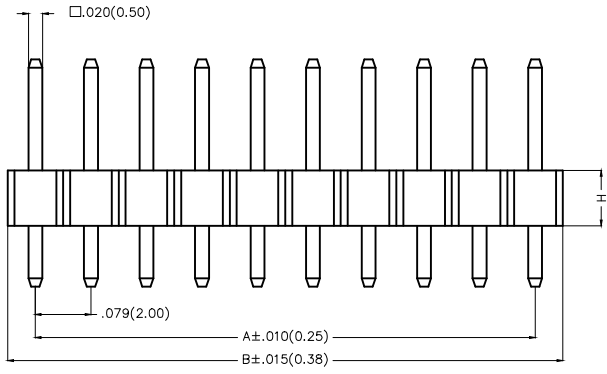
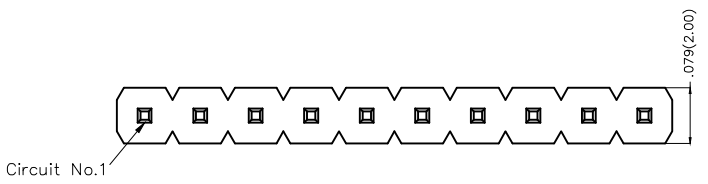
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

Electrical
 Current Rating: 2.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 600V 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

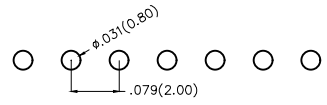


Ordering Information

FPH 200 44 - S XX S X XX X XX XX X 0 B
 1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH-Pin Header	2 Series Number 200-Pitch2.00mm	3 Distinction No. 44	4 Row Option S-Single 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 1-PBT 4-PA6T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 H Size 1,2...-Serial number (See Table1)	13 Packaging B-PE Bag	

Recommended P.C.Board Layout



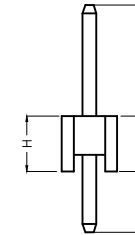
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20044-SXXXSXXXXXXXXX08	ITEM NO. FPH20044	 3K-KAMING®
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY ZOEY	DATE 23/DEC/19	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) E	Serial number	Dimensions(in/mm) 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) F	Serial number	Dimensions(in/mm) F
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) H
1	.039(1.00)
2	.059(1.50)
3	.079(2.00)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20044-SXXSXXXXXXXXX0B	ITEM NO. FPH20044	 3K-KAMING REV 0 SHEET NO. 2/3
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX±1'	DRAWN BY ZOEY	DATE 23/DEC/19	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
1	FPH20044-S01SXXXXXXXXX0B	—	.079(2.00)	21	FPH20044-S21SXXXXXXXXX0B	1.574(40.00)	1.654(42.00)
2	FPH20044-S02SXXXXXXXXX0B	.079(2.00)	.157(4.00)	22	FPH20044-S22SXXXXXXXXX0B	1.654(42.00)	1.732(44.00)
3	FPH20044-S03SXXXXXXXXX0B	.157(4.00)	.236(6.00)	23	FPH20044-S23SXXXXXXXXX0B	1.732(44.00)	1.811(46.00)
4	FPH20044-S04SXXXXXXXXX0B	.236(6.00)	.315(8.00)	24	FPH20044-S24SXXXXXXXXX0B	1.811(46.00)	1.890(48.00)
5	FPH20044-S05SXXXXXXXXX0B	.315(8.00)	.394(10.00)	25	FPH20044-S25SXXXXXXXXX0B	1.890(48.00)	1.969(50.00)
6	FPH20044-S06SXXXXXXXXX0B	.394(10.00)	.472(12.00)	26	FPH20044-S26SXXXXXXXXX0B	1.969(50.00)	2.047(52.00)
7	FPH20044-S07SXXXXXXXXX0B	.472(12.00)	.551(14.00)	27	FPH20044-S27SXXXXXXXXX0B	2.047(52.00)	2.126(54.00)
8	FPH20044-S08SXXXXXXXXX0B	.551(14.00)	.630(16.00)	28	FPH20044-S28SXXXXXXXXX0B	2.126(54.00)	2.205(56.00)
9	FPH20044-S09SXXXXXXXXX0B	.630(16.00)	.709(18.00)	29	FPH20044-S29SXXXXXXXXX0B	2.205(56.00)	2.283(58.00)
10	FPH20044-S10SXXXXXXXXX0B	.709(18.00)	.787(20.00)	30	FPH20044-S30SXXXXXXXXX0B	2.283(58.00)	2.362(60.00)
11	FPH20044-S11SXXXXXXXXX0B	.787(20.00)	.866(22.00)	31	FPH20044-S31SXXXXXXXXX0B	2.362(60.00)	2.441(62.00)
12	FPH20044-S12SXXXXXXXXX0B	.866(22.00)	.945(24.00)	32	FPH20044-S32SXXXXXXXXX0B	2.441(62.00)	2.520(64.00)
13	FPH20044-S13SXXXXXXXXX0B	.945(24.00)	1.024(26.00)	33	FPH20044-S33SXXXXXXXXX0B	2.520(64.00)	2.598(66.00)
14	FPH20044-S14SXXXXXXXXX0B	1.024(26.00)	1.102(28.00)	34	FPH20044-S34SXXXXXXXXX0B	2.598(66.00)	2.677(68.00)
15	FPH20044-S15SXXXXXXXXX0B	1.102(28.00)	1.181(30.00)	35	FPH20044-S35SXXXXXXXXX0B	2.677(68.00)	2.756(70.00)
16	FPH20044-S16SXXXXXXXXX0B	1.181(30.00)	1.260(32.00)	36	FPH20044-S36SXXXXXXXXX0B	2.756(70.00)	2.835(72.00)
17	FPH20044-S17SXXXXXXXXX0B	1.260(32.00)	1.339(34.00)	37	FPH20044-S37SXXXXXXXXX0B	2.835(72.00)	2.913(74.00)
18	FPH20044-S18SXXXXXXXXX0B	1.339(34.00)	1.417(36.00)	38	FPH20044-S38SXXXXXXXXX0B	2.913(74.00)	2.992(76.00)
19	FPH20044-S19SXXXXXXXXX0B	1.417(36.00)	1.496(38.00)	39	FPH20044-S39SXXXXXXXXX0B	2.992(76.00)	3.071(78.00)
20	FPH20044-S20SXXXXXXXXX0B	1.496(38.00)	1.574(40.00)	40	FPH20044-S40SXXXXXXXXX0B	3.071(78.00)	3.150(80.00)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20044-SXXSXXXXXXXXX0B	ITEM NO. FPH20044	 3K-KAMI NG	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
		X.XX±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 23/DEC/19	REV 0		SHEET NO. 3/3
		X.XX±.006(0.15)	.XX'±1'	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMI NG) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'					