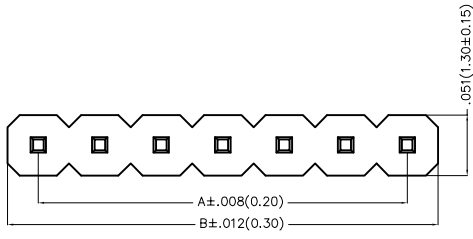


1 2 3 4 5 6 7 8

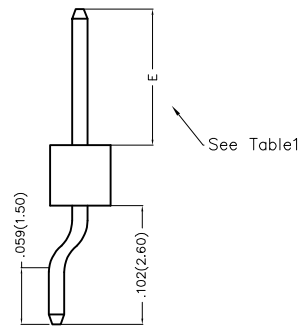
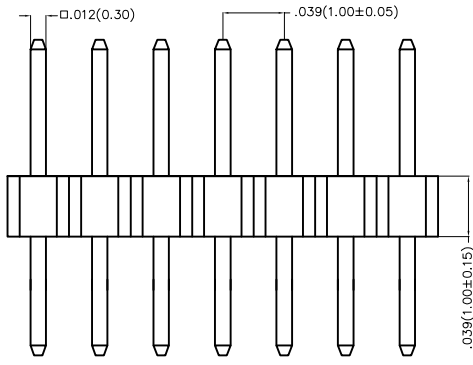
REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD



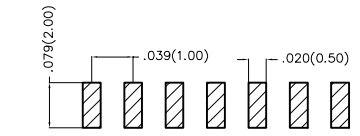
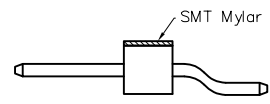
**SPECIFICATIONS**

**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



Packaging: W-Reel(With Mylar)



Recommended P.C.Board Layout



**Ordering Information**

FPH 100 29 - S XX B X XX 4 XX 00 00 X  
 1 2 3 4 5 6 7 8 9 10 11

1   <u>Category</u> FPH-Pin Header	2   <u>Series Number</u> 100-Pitch1.00mm	3   <u>Distinction No.</u> 29	4   <u>Row Option</u> S-Single Row	5   <u>Circuits</u> XX	6   <u>Entry Angle</u> B-90° Angle
7   <u>Plating</u> 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area	8   <u>Thickness of Plating</u> 01-1μ" 15-15μ" Custom plate available	9   <u>Material-Resin</u> 4-PA6T	10   <u>E Size</u> 01,02...-Serial number (See Table1)	11   <u>Packaging</u> M-Reel W-Reel(With Mylar)	

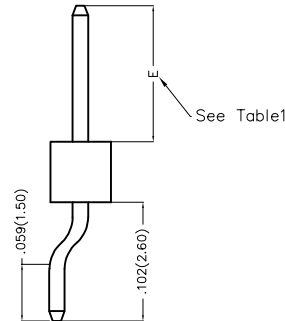
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10029-SXXBXX4XX0000X	ITEM NO. FPH10029	 3K-KAMING	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' X.'±2' X.X'±1' X.XXX'±0.5'	CHECKED BY CHERRY	DATE 26/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(SMT)		REV 0
SCALE 5:1	SIZE A4	DRAWN BY ZO EY	DATE 26/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				SHEET NO. 1/3

1 2 3 4 5 6 7 8

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)		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10029-SXXBXX4XX0000X	ITEM NO. FPH10029	 3K-KAMING®
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 26/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(SMT)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY ZOEY	DATE 26/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	REVISED	APPD



Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH10029-S01BXXX4XX0000X	—	.039(1.00)	21	FPH10029-S21BXXX4XX0000X	.787(20.00)	.827(21.00)
2	FPH10029-S02BXXX4XX0000X	.039(1.00)	.079(2.00)	22	FPH10029-S22BXXX4XX0000X	.827(21.00)	.866(22.00)
3	FPH10029-S03BXXX4XX0000X	.079(2.00)	.118(3.00)	23	FPH10029-S23BXXX4XX0000X	.866(22.00)	.906(23.00)
4	FPH10029-S04BXXX4XX0000X	.118(3.00)	.157(4.00)	24	FPH10029-S24BXXX4XX0000X	.906(23.00)	.945(24.00)
5	FPH10029-S05BXXX4XX0000X	.157(4.00)	.197(5.00)	25	FPH10029-S25BXXX4XX0000X	.945(24.00)	.984(25.00)
6	FPH10029-S06BXXX4XX0000X	.197(5.00)	.236(6.00)	26	FPH10029-S26BXXX4XX0000X	.984(25.00)	1.024(26.00)
7	FPH10029-S07BXXX4XX0000X	.236(6.00)	.276(7.00)	27	FPH10029-S27BXXX4XX0000X	1.024(26.00)	1.063(27.00)
8	FPH10029-S08BXXX4XX0000X	.276(7.00)	.315(8.00)	28	FPH10029-S28BXXX4XX0000X	1.063(27.00)	1.102(28.00)
9	FPH10029-S09BXXX4XX0000X	.315(8.00)	.354(9.00)	29	FPH10029-S29BXXX4XX0000X	1.102(28.00)	1.142(29.00)
10	FPH10029-S10BXXX4XX0000X	.354(9.00)	.394(10.00)	30	FPH10029-S30BXXX4XX0000X	1.142(29.00)	1.181(30.00)
11	FPH10029-S11BXXX4XX0000X	.394(10.00)	.443(11.00)	31	FPH10029-S31BXXX4XX0000X	1.181(30.00)	1.220(31.00)
12	FPH10029-S12BXXX4XX0000X	.443(11.00)	.472(12.00)	32	FPH10029-S32BXXX4XX0000X	1.220(31.00)	1.260(32.00)
13	FPH10029-S13BXXX4XX0000X	.472(12.00)	.512(13.00)	33	FPH10029-S33BXXX4XX0000X	1.260(32.00)	1.130(33.00)
14	FPH10029-S14BXXX4XX0000X	.512(13.00)	.551(14.00)	34	FPH10029-S34BXXX4XX0000X	1.130(33.00)	1.339(34.00)
15	FPH10029-S15BXXX4XX0000X	.551(14.00)	.591(15.00)	35	FPH10029-S35BXXX4XX0000X	1.339(34.00)	1.379(35.00)
16	FPH10029-S16BXXX4XX0000X	.591(15.00)	.630(16.00)	36	FPH10029-S36BXXX4XX0000X	1.379(35.00)	1.417(36.00)
17	FPH10029-S17BXXX4XX0000X	.630(16.00)	.669(17.00)	37	FPH10029-S37BXXX4XX0000X	1.417(36.00)	1.457(37.00)
18	FPH10029-S18BXXX4XX0000X	.669(17.00)	.709(18.00)	38	FPH10029-S38BXXX4XX0000X	1.457(37.00)	1.497(38.00)
19	FPH10029-S19BXXX4XX0000X	.709(18.00)	.748(19.00)	39	FPH10029-S39BXXX4XX0000X	1.497(38.00)	1.535(39.00)
20	FPH10029-S20BXXX4XX0000X	.748(19.00)	.787(20.00)	40	FPH10029-S40BXXX4XX0000X	1.535(39.00)	1.575(40.00)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10029-SXXBXXX4XX0000X	ITEM NO. FPH10029	 3K-KAMING®	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 26/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(SMT)			REV 0
	X.XX±.008(0.20)	X.±2'	DRAWN BY ZOEY	DATE 26/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			SHEET NO. 3/3
	X.XX±.006(0.15)	.XX±1'						
SCALE 5:1	SIZE A<	X.XXX±.004(0.10)	.XXX±0.5'					