

1		2		3		4		5		6		7		8																																																									
Dimensions(in./mm)										REV		LOCATIONS		DESCRIPTION		DATE		REVISER		APPD																																																			
H		F																																																																					
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东莞市朗纶电子制品有限公司 工程 部																																																																							
Circuit No.1										SPECIFICATIONS Electrical Current Rating: 3.0A 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 254 69 — S XX S X XX 4 XX XX XX M 1 2 3 4 5 6 7 8 9 10 11 12 13 <table><tr><td>1</td><td>Category</td><td>2</td><td>Series Number</td><td>3</td><td>Distinction No.</td><td>4</td><td>Row Option</td><td>5</td><td>Circuits</td><td>6</td><td>Entry Angle</td><td>7</td><td>Plating</td></tr><tr><td>1</td><td>FPH—Pin Header</td><td>2</td><td>254—Pitch 2.54mm</td><td>3</td><td>69</td><td>4</td><td>S—Single Row</td><td>5</td><td>XX</td><td>6</td><td>S—180° Vertical</td><td>7</td><td>1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area</td></tr></table> <table><tr><td>8</td><td>Thickness of Plating</td><td>9</td><td>Material—Resin</td><td>10</td><td>E Size</td><td>11</td><td>F Size</td><td>12</td><td>G Size</td><td>13</td><td>Packaging</td></tr><tr><td>8</td><td>01—1μ" 15—15μ" Custom plate available</td><td>9</td><td>4—PA6T</td><td>10</td><td>01,02...—Serial number (See Table1)</td><td>11</td><td>01,02...—Serial number (See Table1)</td><td>12</td><td>01,02...—Serial number (See Table1)</td><td>13</td><td>M—Reel</td></tr></table>										1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle	7	Plating	1	FPH—Pin Header	2	254—Pitch 2.54mm	3	69	4	S—Single Row	5	XX	6	S—180° Vertical	7	1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area	8	Thickness of Plating	9	Material—Resin	10	E Size	11	F Size	12	G Size	13	Packaging	8	01—1μ" 15—15μ" Custom plate available	9	4—PA6T	10	01,02...—Serial number (See Table1)	11	01,02...—Serial number (See Table1)	12	01,02...—Serial number (See Table1)	13	M—Reel
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Recommended P.C.Board Layout										<table><tr><td colspan="2">THIRD ANGLE PROJECTION</td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">APPROVE BY FRANK</td><td colspan="2">DATE 24/DEC/19</td><td colspan="2">PART NO. FPH25469-SXXXSXXX4XXXXXXM</td><td colspan="2">ITEM NO. FPH25469</td><td colspan="2" rowspan="2"> 3K-KAMING </td></tr><tr><td colspan="2">DESIGN UNITS Inch (metric)</td><td colspan="2">X.±.012(0.30) X.±5' X.X±.008(0.20) X.±2' X.XX±.006(0.15) X.X±1' X.XXX±.004(0.10) X.XX±0.5'</td><td colspan="2">CHECKED BY CHERRY</td><td colspan="2">DATE 24/DEC/19</td><td colspan="2">TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(SMT)</td><td colspan="2">REV 0</td><td colspan="2">SHEET NO. 1/3</td></tr><tr><td colspan="2">SCALE 5:1</td><td colspan="2">SIZE A<</td><td colspan="2">DRAWN BY ZOEY</td><td colspan="2">DATE 24/DEC/19</td><td colspan="6">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</td></tr></table>										THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK		DATE 24/DEC/19		PART NO. FPH25469-SXXXSXXX4XXXXXXM		ITEM NO. FPH25469		3K-KAMING		DESIGN UNITS Inch (metric)		X.±.012(0.30) X.±5' X.X±.008(0.20) X.±2' X.XX±.006(0.15) X.X±1' X.XXX±.004(0.10) X.XX±0.5'		CHECKED BY CHERRY		DATE 24/DEC/19		TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(SMT)		REV 0		SHEET NO. 1/3		SCALE 5:1		SIZE A<		DRAWN BY ZOEY		DATE 24/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															
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A

B

C

D

E

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E

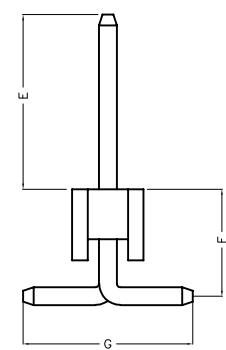
F

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)
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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	Serial number	Dimensions (in/mm) G
01	.138(3.50)	19	.315(8.00)
02	.148(3.75)	20	.325(8.25)
03	.157(4.00)	21	.335(8.50)
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)		
14	.266(6.75)		
15	.276(7.00)		
16	.285(7.25)		
17	.295(7.50)		
18	.305(7.75)		



		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMING	
THIRD ANGLE PROJECTION				FRANK	24/DEC/19	FPH25469-SXXSXXX4XXXXXXM	FPH2546		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5°	CHECKED BY	DATE	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(SMT)		REV 0	SHEET NO. 2/3
		X.X±.008(0.20)	X'.±2°	CHERRY	24/DEC/19				
		X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°	ZOEY	24/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			

