

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

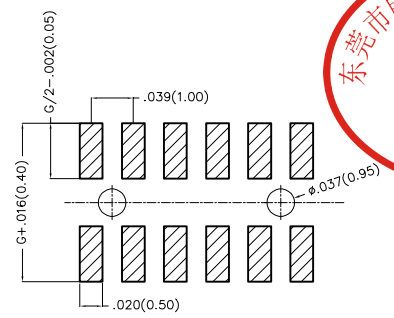
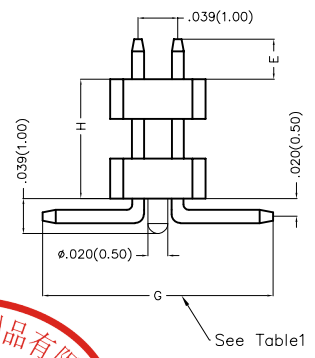
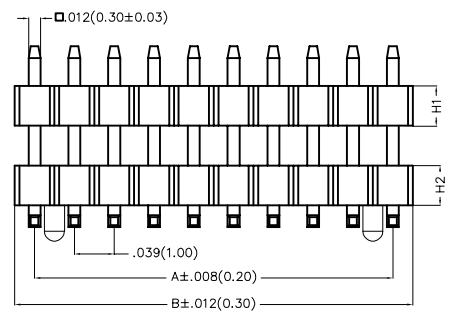
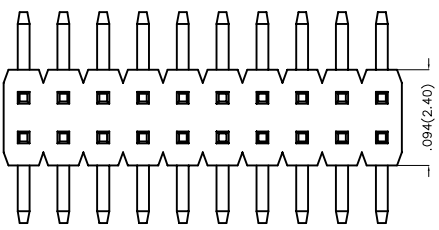
Material

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

Ordering Information

FPH	100	35	—	D	XX	S	X	XX	4	XX	XX	XX	M
1	2	3		4	5	6	7	8	9	10	11	12	13

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle	7	Plating
	FPH-Pin Header		100-Pitch1.00mm		35		D-Double Row		XX		S-180° Vertical		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	G Size	12	H Size	13	Packaging		
	01-1μ" 15-15μ" Custom plate available		4-PA6T		01,02...-Serial number (See Table1)		01,02...-Serial number (See Table1)		01,02...-Serial number (See Table1)		M-Reel		



Recommended P.C.Board Layout

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	FPH10035-DXXSXXX4XXXXXXM	FPH10035		
	DESIGN UNITS Inch (metric)	X.X±.008(0.20) .X'±2'	CHECKED BY	DATE	TITLE Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(SMT)		REV 0	SHEET NO. 1/3
	SCALE 5:1	SIZE A<	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			
		X.XX±.006(0.15) .XX'±1'	ZOEY	26/DEC/19				
		X.XXX±.004(0.10) .XXX'±0.5°						

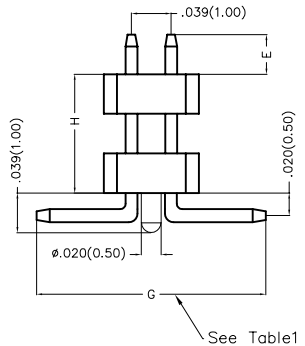
REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

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) 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)	22	.344(8.75)
05	.177(4.50)	23	.354(9.00)
06	.187(4.75)	24	.364(9.25)
07	.197(5.00)	25	.374(9.50)
08	.207(5.25)	26	.384(9.75)
09	.217(5.50)	27	.394(10.00)
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)		

Serial number	Dimensions (in/mm) H	Serial number	Dimensions (in/mm) H
01	.118(3.00)	19	.472(12.00)
02	.138(3.50)	20	.492(12.50)
03	.157(4.00)	21	.512(13.00)
04	.177(4.50)	22	.531(13.50)
05	.197(5.00)	23	.551(14.00)
06	.217(5.50)	24	.571(14.50)
07	.236(6.00)	25	.591(15.00)
08	.256(6.50)	26	.610(15.50)
09	.276(7.00)	27	.630(16.00)
10	.295(7.50)	28	.650(16.50)
11	.315(8.00)	29	.669(17.00)
12	.335(8.50)	30	.689(17.50)
13	.354(9.00)	31	.709(18.00)
14	.374(9.50)	32	.728(18.50)
15	.394(10.00)	33	.748(19.00)
16	.413(10.50)	34	.768(19.50)
17	.433(11.00)	35	.787(20.00)
18	.453(11.50)		



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10035-DXXSXXX4XXXXXXM	ITEM NO. FPH10035	 3K-KAMING®	
		X.±.012(0.30)	X.±5'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2'	CHERRY	26/DEC/19	Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(SMT)		REV 0	SHEET NO. 2/3
		X.XX±.006(0.15)	.XX'±1'	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			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'	ZOEY	26/DEC/19				

1				2				3				4				5				6				7				8																																																																																																																																																															
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colspan="2">Dimensions(in/mm)</th></tr><tr><th>A</th><th>B</th><th>A</th><th>B</th></tr><tr><td>6</td><td>FPH10035-D06SXXX4XXXXXXM</td><td>.079(2.00)</td><td>.118(3.00)</td><td>44</td><td>FPH10035-D44SXXX4XXXXXXM</td><td>.827(21.00)</td><td>.866(22.00)</td></tr><tr><td>8</td><td>FPH10035-D08SXXX4XXXXXXM</td><td>.118(3.00)</td><td>.157(4.00)</td><td>46</td><td>FPH10035-D46SXXX4XXXXXXM</td><td>.866(22.00)</td><td>.906(23.00)</td></tr><tr><td>10</td><td>FPH10035-D10SXXX4XXXXXXM</td><td>.157(4.00)</td><td>.197(5.00)</td><td>48</td><td>FPH10035-D48SXXX4XXXXXXM</td><td>.906(23.00)</td><td>.945(24.00)</td></tr><tr><td>12</td><td>FPH10035-D12SXXX4XXXXXXM</td><td>.197(5.00)</td><td>.236(6.00)</td><td>50</td><td>FPH10035-D50SXXX4XXXXXXM</td><td>.945(24.00)</td><td>.984(25.00)</td></tr><tr><td>14</td><td>FPH10035-D14SXXX4XXXXXXM</td><td>.236(6.00)</td><td>.276(7.00)</td><td>52</td><td>FPH10035-D52SXXX4XXXXXXM</td><td>.984(25.00)</td><td>1.024(26.00)</td></tr><tr><td>16</td><td>FPH10035-D16SXXX4XXXXXXM</td><td>.276(7.00)</td><td>.315(8.00)</td><td>54</td><td>FPH10035-D54SXXX4XXXXXXM</td><td>1.024(26.00)</td><td>1.063(27.00)</td></tr><tr><td>18</td><td>FPH10035-D18SXXX4XXXXXXM</td><td>.315(8.00)</td><td>.354(9.00)</td><td>56</td><td>FPH10035-D56SXXX4XXXXXXM</td><td>1.063(27.00)</td><td>1.102(28.00)</td></tr><tr><td>20</td><td>FPH10035-D20SXXX4XXXXXXM</td><td>.354(9.00)</td><td>.394(10.00)</td><td>58</td><td>FPH10035-D58SXXX4XXXXXXM</td><td>1.102(28.00)</td><td>1.142(29.00)</td></tr><tr><td>22</td><td>FPH10035-D22SXXX4XXXXXXM</td><td>.394(10.00)</td><td>.443(11.00)</td><td>60</td><td>FPH10035-D60SXXX4XXXXXXM</td><td>1.142(29.00)</td><td>1.181(30.00)</td></tr><tr><td>24</td><td>FPH10035-D24SXXX4XXXXXXM</td><td>.443(11.00)</td><td>.472(12.00)</td><td>62</td><td>FPH10035-D62SXXX4XXXXXXM</td><td>1.181(30.00)</td><td>1.220(31.00)</td></tr><tr><td>26</td><td>FPH10035-D26SXXX4XXXXXXM</td><td>.472(12.00)</td><td>.512(13.00)</td><td>64</td><td>FPH10035-D64SXXX4XXXXXXM</td><td>1.220(31.00)</td><td>1.260(32.00)</td></tr><tr><td>28</td><td>FPH10035-D28SXXX4XXXXXXM</td><td>.512(13.00)</td><td>.551(14.00)</td><td>66</td><td>FPH10035-D66SXXX4XXXXXXM</td><td>1.260(32.00)</td><td>1.130(33.00)</td></tr><tr><td>30</td><td>FPH10035-D30SXXX4XXXXXXM</td><td>.551(14.00)</td><td>.591(15.00)</td><td>68</td><td>FPH10035-D68SXXX4XXXXXXM</td><td>1.130(33.00)</td><td>1.339(34.00)</td></tr><tr><td>32</td><td>FPH10035-D32SXXX4XXXXXXM</td><td>.591(15.00)</td><td>.630(16.00)</td><td>70</td><td>FPH10035-D70SXXX4XXXXXXM</td><td>1.339(34.00)</td><td>1.379(35.00)</td></tr><tr><td>34</td><td>FPH10035-D34SXXX4XXXXXXM</td><td>.630(16.00)</td><td>.669(17.00)</td><td>72</td><td>FPH10035-D72SXXX4XXXXXXM</td><td>1.379(35.00)</td><td>1.417(36.00)</td></tr><tr><td>36</td><td>FPH10035-D36SXXX4XXXXXXM</td><td>.669(17.00)</td><td>.709(18.00)</td><td>74</td><td>FPH10035-D74SXXX4XXXXXXM</td><td>1.417(36.00)</td><td>1.457(37.00)</td></tr><tr><td>38</td><td>FPH10035-D38SXXX4XXXXXXM</td><td>.709(18.00)</td><td>.748(19.00)</td><td>76</td><td>FPH10035-D76SXXX4XXXXXXM</td><td>1.457(37.00)</td><td>1.497(38.00)</td></tr><tr><td>40</td><td>FPH10035-D40SXXX4XXXXXXM</td><td>.748(19.00)</td><td>.787(20.00)</td><td>78</td><td>FPH10035-D78SXXX4XXXXXXM</td><td>1.497(38.00)</td><td>1.535(39.00)</td></tr><tr><td>42</td><td>FPH10035-D42SXXX4XXXXXXM</td><td>.787(20.00)</td><td>.827(21.00)</td><td>80</td><td>FPH10035-D80SXXX4XXXXXXM</td><td>1.535(39.00)</td><td>1.575(40.00)</td></tr></table>																Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)		A	B	A	B	6	FPH10035-D06SXXX4XXXXXXM	.079(2.00)	.118(3.00)	44	FPH10035-D44SXXX4XXXXXXM	.827(21.00)	.866(22.00)	8	FPH10035-D08SXXX4XXXXXXM	.118(3.00)	.157(4.00)	46	FPH10035-D46SXXX4XXXXXXM	.866(22.00)	.906(23.00)	10	FPH10035-D10SXXX4XXXXXXM	.157(4.00)	.197(5.00)	48	FPH10035-D48SXXX4XXXXXXM	.906(23.00)	.945(24.00)	12	FPH10035-D12SXXX4XXXXXXM	.197(5.00)	.236(6.00)	50	FPH10035-D50SXXX4XXXXXXM	.945(24.00)	.984(25.00)	14	FPH10035-D14SXXX4XXXXXXM	.236(6.00)	.276(7.00)	52	FPH10035-D52SXXX4XXXXXXM	.984(25.00)	1.024(26.00)	16	FPH10035-D16SXXX4XXXXXXM	.276(7.00)	.315(8.00)	54	FPH10035-D54SXXX4XXXXXXM	1.024(26.00)	1.063(27.00)	18	FPH10035-D18SXXX4XXXXXXM	.315(8.00)	.354(9.00)	56	FPH10035-D56SXXX4XXXXXXM	1.063(27.00)	1.102(28.00)	20	FPH10035-D20SXXX4XXXXXXM	.354(9.00)	.394(10.00)	58	FPH10035-D58SXXX4XXXXXXM	1.102(28.00)	1.142(29.00)	22	FPH10035-D22SXXX4XXXXXXM	.394(10.00)	.443(11.00)	60	FPH10035-D60SXXX4XXXXXXM	1.142(29.00)	1.181(30.00)	24	FPH10035-D24SXXX4XXXXXXM	.443(11.00)	.472(12.00)	62	FPH10035-D62SXXX4XXXXXXM	1.181(30.00)	1.220(31.00)	26	FPH10035-D26SXXX4XXXXXXM	.472(12.00)	.512(13.00)	64	FPH10035-D64SXXX4XXXXXXM	1.220(31.00)	1.260(32.00)	28	FPH10035-D28SXXX4XXXXXXM	.512(13.00)	.551(14.00)	66	FPH10035-D66SXXX4XXXXXXM	1.260(32.00)	1.130(33.00)	30	FPH10035-D30SXXX4XXXXXXM	.551(14.00)	.591(15.00)	68	FPH10035-D68SXXX4XXXXXXM	1.130(33.00)	1.339(34.00)	32	FPH10035-D32SXXX4XXXXXXM	.591(15.00)	.630(16.00)	70	FPH10035-D70SXXX4XXXXXXM	1.339(34.00)	1.379(35.00)	34	FPH10035-D34SXXX4XXXXXXM	.630(16.00)	.669(17.00)	72	FPH10035-D72SXXX4XXXXXXM	1.379(35.00)	1.417(36.00)	36	FPH10035-D36SXXX4XXXXXXM	.669(17.00)	.709(18.00)	74	FPH10035-D74SXXX4XXXXXXM	1.417(36.00)	1.457(37.00)	38	FPH10035-D38SXXX4XXXXXXM	.709(18.00)	.748(19.00)	76	FPH10035-D76SXXX4XXXXXXM	1.457(37.00)	1.497(38.00)	40	FPH10035-D40SXXX4XXXXXXM	.748(19.00)	.787(20.00)	78	FPH10035-D78SXXX4XXXXXXM	1.497(38.00)	1.535(39.00)	42	FPH10035-D42SXXX4XXXXXXM	.787(20.00)	.827(21.00)	80	FPH10035-D80SXXX4XXXXXXM	1.535(39.00)	1.575(40.00)								
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16	FPH10035-D16SXXX4XXXXXXM	.276(7.00)	.315(8.00)	54	FPH10035-D54SXXX4XXXXXXM	1.024(26.00)	1.063(27.00)																																																																																																																																																																																				
18	FPH10035-D18SXXX4XXXXXXM	.315(8.00)	.354(9.00)	56	FPH10035-D56SXXX4XXXXXXM	1.063(27.00)	1.102(28.00)																																																																																																																																																																																				
20	FPH10035-D20SXXX4XXXXXXM	.354(9.00)	.394(10.00)	58	FPH10035-D58SXXX4XXXXXXM	1.102(28.00)	1.142(29.00)																																																																																																																																																																																				
22	FPH10035-D22SXXX4XXXXXXM	.394(10.00)	.443(11.00)	60	FPH10035-D60SXXX4XXXXXXM	1.142(29.00)	1.181(30.00)																																																																																																																																																																																				
24	FPH10035-D24SXXX4XXXXXXM	.443(11.00)	.472(12.00)	62	FPH10035-D62SXXX4XXXXXXM	1.181(30.00)	1.220(31.00)																																																																																																																																																																																				
26	FPH10035-D26SXXX4XXXXXXM	.472(12.00)	.512(13.00)	64	FPH10035-D64SXXX4XXXXXXM	1.220(31.00)	1.260(32.00)																																																																																																																																																																																				
28	FPH10035-D28SXXX4XXXXXXM	.512(13.00)	.551(14.00)	66	FPH10035-D66SXXX4XXXXXXM	1.260(32.00)	1.130(33.00)																																																																																																																																																																																				
30	FPH10035-D30SXXX4XXXXXXM	.551(14.00)	.591(15.00)	68	FPH10035-D68SXXX4XXXXXXM	1.130(33.00)	1.339(34.00)																																																																																																																																																																																				
32	FPH10035-D32SXXX4XXXXXXM	.591(15.00)	.630(16.00)	70	FPH10035-D70SXXX4XXXXXXM	1.339(34.00)	1.379(35.00)																																																																																																																																																																																				
34	FPH10035-D34SXXX4XXXXXXM	.630(16.00)	.669(17.00)	72	FPH10035-D72SXXX4XXXXXXM	1.379(35.00)	1.417(36.00)																																																																																																																																																																																				
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THIRD ANGLE PROJECTION				GENERAL TOLERANCES (UNLESS SPECIFIED)				APPROVE BY FRANK		DATE 26/DEC/19		PART NO. FPH10035-DXXSXXX4XXXXXXM		ITEM NO. FPH10035																																																																																																																																																																													
DESIGN UNITS Inch (metric)				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'				CHECKED BY CHERRY		DATE 26/DEC/19		TITLE Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(SMT)				REV 0 SHEET NO. 3/3																																																																																																																																																																											
SCALE 5:1				SIZE A4				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																																																																																																																																																																															

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