

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



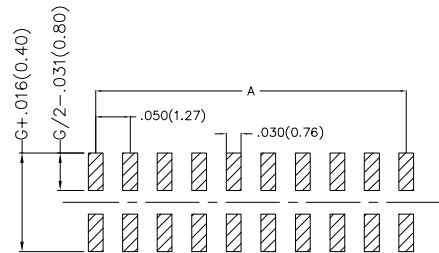
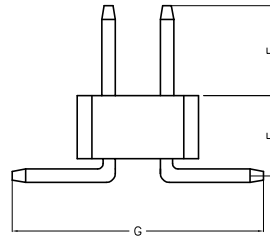
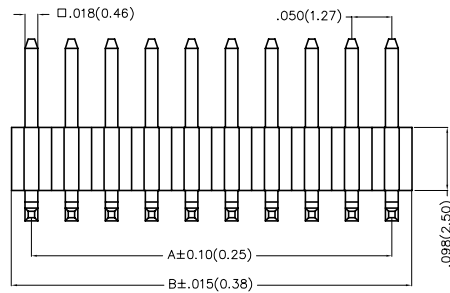
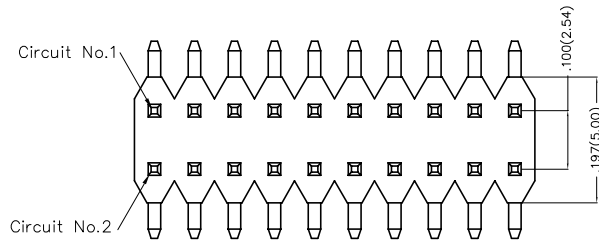
SPECIFICATIONS

Electrical

Current Rating: 1.0A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20mΩ 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) ,Colour: 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 127 41 - D XX S X XX 4 XX XX XX M
1 2 3 4 5 6 7 8 9 10 11 12 13

Category	2 Series Number	3 Distinction No.	4 Row Option	5 Circuits	6 Entry Angle	7 Plating
FPH—Pin Header	127—Pitch1.27mm	41	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 F Size	12 G 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

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>3K-KAMING</p>	
	X.±.012(0.30)	X:±5'	FRANK	17/DEC/19	FPH12741-DXXSXXX4XXXXXXM	FPH12741		
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	.XX'±1'	CHERRY	17/DEC/19	Board to Board(Pin Header) Pitch 1.27*2.54mm 180° Vertical(SMT)		REV 0	SHEET NO. 1/3
SCALE 5:1	SIZE A<	X.XXX±.004(0.10)	.XXX'±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 WI THOUT WRITTEN PERMISSON		
			ZOEY	17/DEC/19				

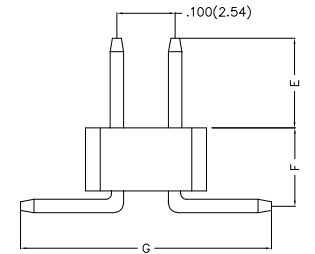
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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	.118(3.00)	19	.295(7.50)
02	.128(3.25)	20	.305(7.75)
03	.138(3.50)	21	.315(8.00)
04	.148(3.75)	22	.325(8.25)
05	.157(4.00)	23	.335(8.50)
06	.167(4.25)	24	.344(8.75)
07	.177(4.50)	25	.354(9.00)
08	.187(4.75)	26	.364(9.25)
09	.197(5.00)	27	.374(9.50)
10	.207(5.25)	28	.384(9.75)
11	.217(5.50)	29	.394(10.00)
12	.226(5.75)		
13	.236(6.00)		
14	.246(6.25)		
15	.256(6.50)		
16	.266(6.75)		
17	.276(7.00)		
18	.285(7.25)		

Serial number	Dimensions (in/mm) G	Serial number	Dimensions (in/mm) G
01	.217(5.50)	19	.394(10.00)
02	.226(5.75)	20	.404(10.25)
03	.236(6.00)	21	.413(10.50)
04	.246(6.25)	22	.423(10.75)
05	.256(6.50)	23	.433(11.00)
06	.266(6.75)	24	.443(11.25)
07	.276(7.00)	25	.453(11.50)
08	.285(7.25)	26	.463(11.75)
09	.295(7.50)	27	.472(12.00)
10	.305(7.75)		
11	.315(8.00)		
12	.325(8.25)		
13	.335(8.50)		
14	.344(8.75)		
15	.354(9.00)		
16	.364(9.25)		
17	.374(9.50)		
18	.384(9.75)		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMING®
	X.±.012(0.30)	X'.±5'	FRANK	17/DEC/19	FPH12741-DXXSXXX4XXXXXXM	FPH12741	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	17/DEC/19	Board to Board(Pin Header) Pitch 1.27*2.54mm 180° Vertical(SMT)		
SCALE 5:1	SIZE A<	X.XXX±.004(0.10)	.XXX'±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	
			ZOEY	17/DEC/19		REV 0	SHEET NO. 2/3

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH12741-D02SXXX4XXXXXXM	—	.050(1.27)	42	FPH12741-D42SXXX4XXXXXXM	1.000(25.40)	1.050(26.67)
4	FPH12741-D04SXXX4XXXXXXM	.050(1.27)	.100(2.54)	44	FPH12741-D44SXXX4XXXXXXM	1.050(26.67)	1.100(27.94)
6	FPH12741-D06SXXX4XXXXXXM	.100(2.54)	.150(3.81)	46	FPH12741-D46SXXX4XXXXXXM	1.100(27.94)	1.150(29.21)
8	FPH12741-D08SXXX4XXXXXXM	.150(3.81)	.200(5.08)	48	FPH12741-D48SXXX4XXXXXXM	1.150(29.21)	1.200(30.48)
10	FPH12741-D10SXXX4XXXXXXM	.200(5.08)	.250(6.35)	50	FPH12741-D50SXXX4XXXXXXM	1.200(30.48)	1.250(31.75)
12	FPH12741-D12SXXX4XXXXXXM	.250(6.35)	.300(7.62)	52	FPH12741-D52SXXX4XXXXXXM	1.250(31.75)	1.300(33.02)
14	FPH12741-D14SXXX4XXXXXXM	.300(7.62)	.350(8.89)	54	FPH12741-D54SXXX4XXXXXXM	1.300(33.02)	1.350(34.29)
16	FPH12741-D16SXXX4XXXXXXM	.350(8.89)	.400(10.16)	56	FPH12741-D56SXXX4XXXXXXM	1.350(34.29)	1.400(35.56)
18	FPH12741-D18SXXX4XXXXXXM	.400(10.16)	.450(11.43)	58	FPH12741-D58SXXX4XXXXXXM	1.400(35.56)	1.450(36.83)
20	FPH12741-D20SXXX4XXXXXXM	.450(11.43)	.500(12.70)	60	FPH12741-D60SXXX4XXXXXXM	1.450(36.83)	1.500(38.10)
22	FPH12741-D22SXXX4XXXXXXM	.500(12.70)	.550(13.97)	62	FPH12741-D62SXXX4XXXXXXM	1.500(38.10)	1.550(39.37)
24	FPH12741-D24SXXX4XXXXXXM	.550(13.97)	.600(15.24)	64	FPH12741-D64SXXX4XXXXXXM	1.550(39.37)	1.600(40.64)
26	FPH12741-D26SXXX4XXXXXXM	.600(15.24)	.650(16.51)	66	FPH12741-D66SXXX4XXXXXXM	1.600(40.64)	1.650(41.91)
28	FPH12741-D28SXXX4XXXXXXM	.650(16.51)	.700(17.78)	68	FPH12741-D68SXXX4XXXXXXM	1.650(41.91)	1.700(43.18)
30	FPH12741-D30SXXX4XXXXXXM	.700(17.78)	.750(19.05)	70	FPH12741-D70SXXX4XXXXXXM	1.700(43.18)	1.750(44.45)
32	FPH12741-D32SXXX4XXXXXXM	.750(19.05)	.800(20.32)	72	FPH12741-D72SXXX4XXXXXXM	1.750(44.45)	1.800(45.72)
34	FPH12741-D34SXXX4XXXXXXM	.800(20.32)	.850(21.59)	74	FPH12741-D74SXXX4XXXXXXM	1.800(45.72)	1.850(46.99)
36	FPH12741-D36SXXX4XXXXXXM	.850(21.59)	.900(22.86)	76	FPH12741-D76SXXX4XXXXXXM	1.850(46.99)	1.900(48.26)
38	FPH12741-D38SXXX4XXXXXXM	.900(22.86)	.950(24.13)	78	FPH12741-D78SXXX4XXXXXXM	1.900(48.26)	1.950(49.53)
40	FPH12741-D40SXXX4XXXXXXM	.950(24.13)	1.00(25.40)	80	FPH12741-D80SXXX4XXXXXXM	1.950(49.53)	2.000(50.80)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMI NG	
	X.±0.12(0.30)	X.±5'	FRANK	17/DEC/19	FPH12741-DXXSXXX4XXXXXXM	FPH12741		
	DESIGN UNITS Inch (metric)		CHECKED BY	DATE	TITLE			
	X.X±.008(0.20) X'±2'		CHERRY	17/DEC/19	Board to Board(Pin Header) Pitch 1.27*2.54mm 180° Vertical(SMT)			
SCALE	SIZE	X.XX±.006(0.15) .XX'±1'	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 WITHOUT WRITTEN PERMISSION		REV 0	SHEET NO. 3/3
5:1	A4	X.XXX±.004(0.10) .XXX'±0.5'	ZOEY	17/DEC/19				

1 2 3 4 5 6 7 8