

Dimensions(in/mm)		
H	F	W
.039(1.00)	.059(1.50)~.069(1.75)	.134(3.40)
.059(1.50)	.079(2.00)~.089(2.25)	
.079(2.00)	.098(2.50)~.108(2.75)	.118(3.00)
.098(2.50)	≥.118(3.00)	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



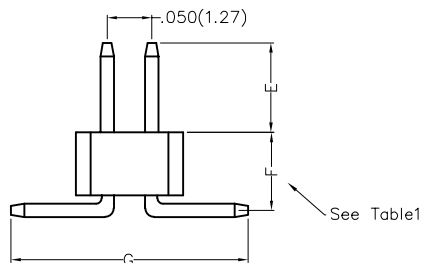
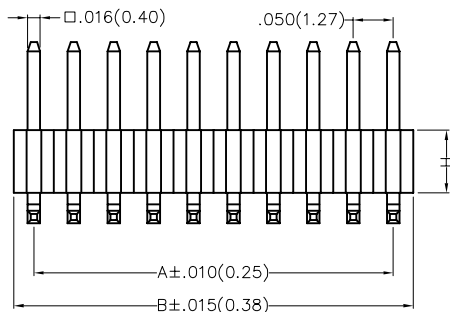
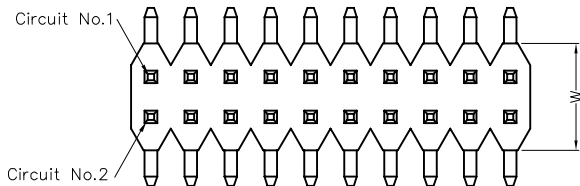
SPECIFICATIONS

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:600V AC r.m.s
Temperature Range—Operating: -40°C~+105°C

Material and Plating

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

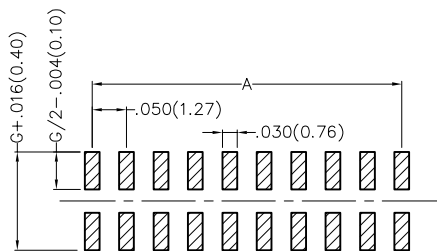


Ordering Information

FPH 127 46 - D XX S X XX X XX XX XX M
1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH-Pin Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. 46	4 Row Option D-Double 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
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8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 3-LCP 4-PA6T 5-PA9T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 G Size 01,02...-Serial number (See Table1)	13 Packaging M-Reel
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Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12746-DXXSXXXXXXXXXXM	ITEM NO. FPH12746	<p>3K-KAMING®</p>		
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 17/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)			REV 0	SHEET NO. 1/3
	X.X±.008(0.20)	X.±2'	DRAWN BY ZOEY	DATE 17/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				
SCALE 5:1	SIZE A<	X.XX±.006(0.15)	X.X±1'						
		X.XXX±.004(0.10)	.XXX±0.5'						

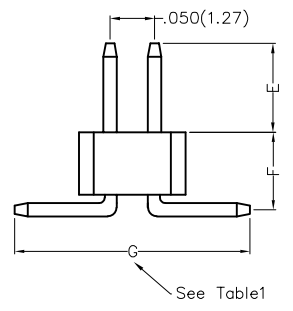
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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) G	Serial number	Dimensions (in/mm) G
01	.157(4.00)	19	.335(8.50)
02	.167(4.25)	20	.344(8.75)
03	.177(4.50)	21	.354(9.00)
04	.187(4.75)	22	.364(9.25)
05	.197(5.00)	23	.374(9.50)
06	.207(5.25)	24	.384(9.75)
07	.217(5.50)	25	.394(10.00)
08	.226(5.75)		
09	.236(6.00)		
10	.246(6.25)		
11	.256(6.50)		
12	.266(6.75)		
13	.276(7.00)		
14	.285(7.25)		
15	.295(7.50)		
16	.305(7.75)		
17	.315(8.00)		
18	.325(8.25)		



<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	FPH12746-DXXSXXXXXXXXXXM	FPH12746	
	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 1.27mm 180° Vertical(SMT)		
SCALE	SIZE	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	
5:1	A4	ZOEY		ZOEY	17/DEC/19	REV 0	SHEET NO. 2/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH12746-D04SXXXXXXXXXXM	.050(1.27)	.100(2.54)	44	FPH12746-D44SXXXXXXXXXXM	1.050(26.67)	1.100(27.94)
6	FPH12746-D06SXXXXXXXXXXM	.100(2.54)	.150(3.81)	46	FPH12746-D46SXXXXXXXXXXM	1.100(27.94)	1.150(29.21)
8	FPH12746-D08SXXXXXXXXXXM	.150(3.81)	.200(5.08)	48	FPH12746-D48SXXXXXXXXXXM	1.150(29.21)	1.200(30.48)
10	FPH12746-D10SXXXXXXXXXXM	.200(5.08)	.250(6.35)	50	FPH12746-D50SXXXXXXXXXXM	1.200(30.48)	1.250(31.75)
12	FPH12746-D12SXXXXXXXXXXM	.250(6.35)	.300(7.62)	52	FPH12746-D52SXXXXXXXXXXM	1.250(31.75)	1.300(33.02)
14	FPH12746-D14SXXXXXXXXXXM	.300(7.62)	.350(8.89)	54	FPH12746-D54SXXXXXXXXXXM	1.300(33.02)	1.350(34.29)
16	FPH12746-D16SXXXXXXXXXXM	.350(8.89)	.400(10.16)	56	FPH12746-D56SXXXXXXXXXXM	1.350(34.29)	1.400(35.56)
18	FPH12746-D18SXXXXXXXXXXM	.400(10.16)	.450(11.43)	58	FPH12746-D58SXXXXXXXXXXM	1.400(35.56)	1.450(36.83)
20	FPH12746-D20SXXXXXXXXXXM	.450(11.43)	.500(12.70)	60	FPH12746-D60SXXXXXXXXXXM	1.450(36.83)	1.500(38.10)
22	FPH12746-D22SXXXXXXXXXXM	.500(12.70)	.550(13.97)	62	FPH12746-D62SXXXXXXXXXXM	1.500(38.10)	1.550(39.37)
24	FPH12746-D24SXXXXXXXXXXM	.550(13.97)	.600(15.24)	64	FPH12746-D64SXXXXXXXXXXM	1.550(39.37)	1.600(40.64)
26	FPH12746-D26SXXXXXXXXXXM	.600(15.24)	.650(16.51)	66	FPH12746-D66SXXXXXXXXXXM	1.600(40.64)	1.650(41.91)
28	FPH12746-D28SXXXXXXXXXXM	.650(16.51)	.700(17.78)	68	FPH12746-D68SXXXXXXXXXXM	1.650(41.91)	1.700(43.18)
30	FPH12746-D30SXXXXXXXXXXM	.700(17.78)	.750(19.05)	70	FPH12746-D70SXXXXXXXXXXM	1.700(43.18)	1.750(44.45)
32	FPH12746-D32SXXXXXXXXXXM	.750(19.05)	.800(20.32)	72	FPH12746-D72SXXXXXXXXXXM	1.750(44.45)	1.800(45.72)
34	FPH12746-D34SXXXXXXXXXXM	.800(20.32)	.850(21.59)	74	FPH12746-D74SXXXXXXXXXXM	1.800(45.72)	1.850(46.99)
36	FPH12746-D36SXXXXXXXXXXM	.850(21.59)	.900(22.86)	76	FPH12746-D76SXXXXXXXXXXM	1.850(46.99)	1.900(48.26)
38	FPH12746-D38SXXXXXXXXXXM	.900(22.86)	.950(24.13)	78	FPH12746-D78SXXXXXXXXXXM	1.900(48.26)	1.950(49.53)
40	FPH12746-D40SXXXXXXXXXXM	.950(24.13)	1.00(25.40)	80	FPH12746-D80SXXXXXXXXXXM	1.950(49.53)	2.000(50.80)
42	FPH12746-D42SXXXXXXXXXXM	1.000(25.40)	1.050(26.67)	100	FPH12746-D100SXXXXXXXXXXM	2.450(62.23)	2.500(63.50)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12746-DXXSXXXXXXXXXXM	ITEM NO. FPH12746	 3K-KAMING	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 17/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)			REV 0 SHEET NO. 3/3
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 17/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		
SCALE 5:1	SIZE A/L	X.XXX±.004(0.10)	.XXX±0.5'					