

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

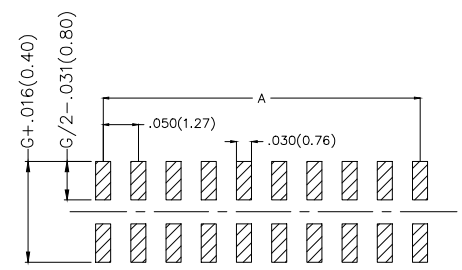
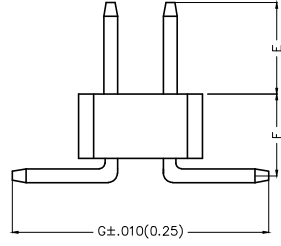
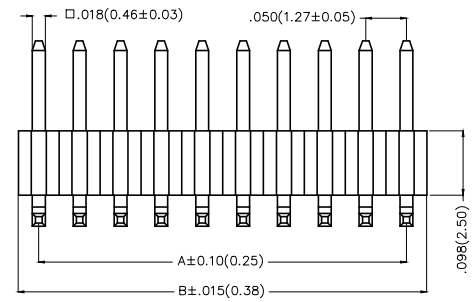
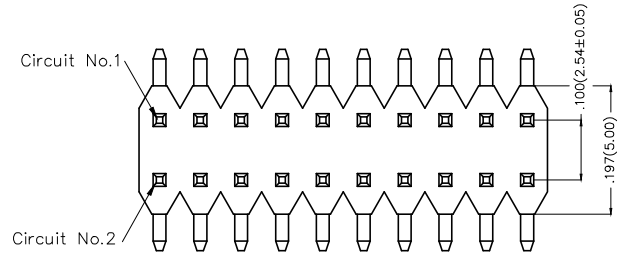
**SPECIFICATIONS**

**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 FPH-Pin Header	Series Number 127-Pitch1.27mm	Distinction No. 41	Row Option D-Double Row	Circuits XX	Entry Angle S-180° Vertical	Plating 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area
Thickness of Plating 01-1μ" 15-15μ" Custom plate available	Material-Resin 4-PA6T	E Size 01,02...-Serial number (See Table1)	F Size 01,02...-Serial number (See Table1)	G Size 01,02...-Serial number (See Table1)	Packaging M-Reel	

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12741-DXXSXX4XXXXXXM	ITEM NO. FPH12741	<p>Leader Of Industry</p>	
	X.±.012(0.30)	.X'±5'	CHECKED BY CHERRY	DATE 17/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.27*2.54mm 180° Vertical(SMT)			REV 0
	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 TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

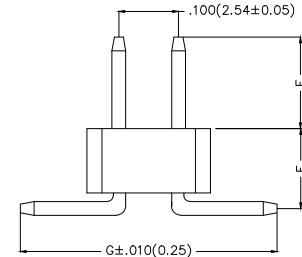
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Table1

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)	11	.315(8.00)
02	.226(5.75)	12	.325(8.25)
03	.236(6.00)	13	.335(8.50)
04	.246(6.25)	14	.344(8.75)
05	.256(6.50)	15	.354(9.00)
06	.266(6.75)	16	.364(9.25)
07	.276(7.00)	17	.374(9.50)
08	.285(7.25)	18	.384(9.75)
09	.295(7.50)	19	.394(10.00)
10	.305(7.75)		



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	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

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)

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	SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'				

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