

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

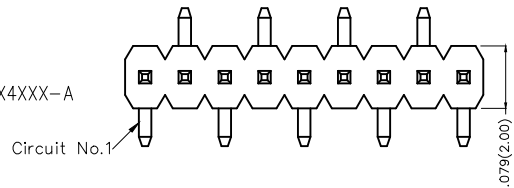
Electrical

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

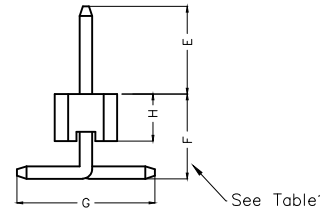
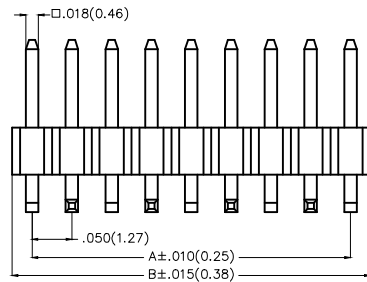
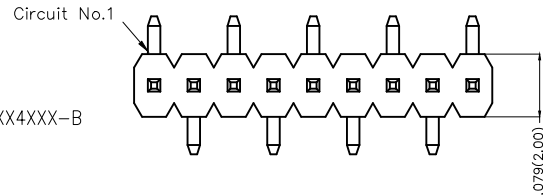
Material and Plating

Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail

Type A
FPH127S1-SXXSXXX4XXX-A



Type B
FPH127S1-SXXSXXX4XXX-B

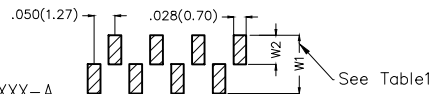


Ordering Information

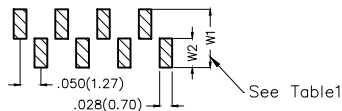
FPH 127 S1 - S XX S X XX 4 XX X
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FPH-Pin Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. S1	4 Row Option S-Single Row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging M-Reel L-Tube	12 Type A-Type A B-Type B


Type A
FPH127S1-SXXSXXX4XXX-A



Type B
FPH127S1-SXXSXXX4XXX-B



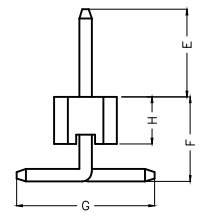
Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH127S1-SXXSXXX4XXX-X	ITEM NO. FPH127S1	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.'±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX±1'	DRAWN BY JACOB	DATE 25/JUN/13	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)						Canceled Circuits	Note
	E	F	G	H	W1	W2		
01	.138(3.50)	.138(3.50)	.217(5.50)	.059(1.50)	.232(5.90)	.128(3.25)		
02								
03	.118(3.00)	.059(1.50)	.157(4.00)	.039(1.00)	.173(4.40)	.098(2.50)		
04	.157(4.00)	.059(1.50)	.169(4.30)	.039(1.00)	.185(4.70)	.104(2.65)		
05	.157(4.00)	.126(3.20)	.157(4.00)	.039(1.00)	.173(4.40)	.098(2.50)		
06								
07	.071(1.80)	.146(3.70)	.157(4.00)	.039(1.00)	.173(4.40)	.098(2.50)		
08								
09	.118(3.00)	.059(1.50)	.197(5.00)	.039(1.00)	.213(5.40)	.118(3.00)		
10	.118(3.00)	.236(6.00)	.157(4.00)	.059(1.50)	.173(4.40)	.098(2.50)		



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH127S1-SXXSXXX4XXX-X	ITEM NO. FPH127S1	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.'±5' .X'±2'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)		REV 0
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1' .XXX'±0.5'	DRAWN BY JACOB	DATE 25/JUN/13	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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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	FPH127S1-S02SXXX4XXX-X	.050(1.27)	.100(2.54)	22	FPH127S1-S22SXXX4XXX-X	1.050(26.67)	1.100(27.94)
3	FPH127S1-S03SXXX4XXX-X	.100(2.54)	.150(3.81)	23	FPH127S1-S23SXXX4XXX-X	1.100(27.94)	1.150(29.21)
4	FPH127S1-S04SXXX4XXX-X	.150(3.81)	.200(5.08)	24	FPH127S1-S24SXXX4XXX-X	1.150(29.21)	1.200(30.48)
5	FPH127S1-S05SXXX4XXX-X	.200(5.08)	.250(6.35)	25	FPH127S1-S25SXXX4XXX-X	1.200(30.48)	1.250(31.75)
6	FPH127S1-S06SXXX4XXX-X	.250(6.35)	.300(7.62)	26	FPH127S1-S26SXXX4XXX-X	1.250(31.75)	1.300(33.02)
7	FPH127S1-S07SXXX4XXX-X	.300(7.62)	.350(8.89)	27	FPH127S1-S27SXXX4XXX-X	1.300(33.02)	1.350(34.29)
8	FPH127S1-S08SXXX4XXX-X	.350(8.89)	.400(10.16)	28	FPH127S1-S28SXXX4XXX-X	1.350(34.29)	1.400(35.56)
9	FPH127S1-S09SXXX4XXX-X	.400(10.16)	.450(11.43)	29	FPH127S1-S29SXXX4XXX-X	1.400(35.56)	1.450(36.83)
10	FPH127S1-S10SXXX4XXX-X	.450(11.43)	.500(12.70)	30	FPH127S1-S30SXXX4XXX-X	1.450(36.83)	1.500(38.10)
11	FPH127S1-S11SXXX4XXX-X	.500(12.70)	.550(13.97)	31	FPH127S1-S31SXXX4XXX-X	1.500(38.10)	1.550(39.37)
12	FPH127S1-S12SXXX4XXX-X	.550(13.97)	.600(15.24)	32	FPH127S1-S32SXXX4XXX-X	1.550(39.37)	1.600(40.64)
13	FPH127S1-S13SXXX4XXX-X	.600(15.24)	.650(16.51)	33	FPH127S1-S33SXXX4XXX-X	1.600(40.64)	1.650(41.91)
14	FPH127S1-S14SXXX4XXX-X	.650(16.51)	.700(17.78)	34	FPH127S1-S34SXXX4XXX-X	1.650(41.91)	1.700(43.18)
15	FPH127S1-S15SXXX4XXX-X	.700(17.78)	.750(19.05)	35	FPH127S1-S35SXXX4XXX-X	1.700(43.18)	1.750(44.45)
16	FPH127S1-S16SXXX4XXX-X	.750(19.05)	.800(20.32)	36	FPH127S1-S36SXXX4XXX-X	1.750(44.45)	1.800(45.72)
17	FPH127S1-S17SXXX4XXX-X	.800(20.32)	.850(21.59)	37	FPH127S1-S37SXXX4XXX-X	1.800(45.72)	1.850(46.99)
18	FPH127S1-S18SXXX4XXX-X	.850(21.59)	.900(22.86)	38	FPH127S1-S38SXXX4XXX-X	1.850(46.99)	1.900(48.26)
19	FPH127S1-S19SXXX4XXX-X	.900(22.86)	.950(24.13)	39	FPH127S1-S39SXXX4XXX-X	1.900(48.26)	1.950(49.53)
20	FPH127S1-S20SXXX4XXX-X	.950(24.13)	1.00(25.40)	40	FPH127S1-S40SXXX4XXX-X	1.950(49.53)	2.000(50.80)
21	FPH127S1-S21SXXX4XXX-X	1.000(25.40)	1.050(26.67)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH127S1-SXXSXXX4XXX-X	ITEM NO. FPH127S1	 Leader Of Industry	
	X.±.012(0.30)	.X'±5'	CHECKED BY CHERRY	DATE 25/JUN/13	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 JACOB	DATE 25/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				

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