

Dimensions(in/mm)	
H	W
.039(1.00)	.134(3.40)
.059(1.50)	
.079(2.00)	.118(3.00)
.098(2.50)	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update housing structure	16/NOV/22	MATT	CHERRY
2	△	Update housing structure	14/SEP/24	MATT	LEO

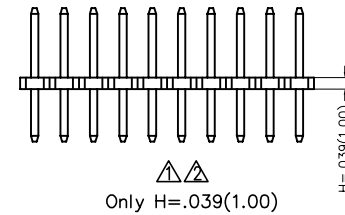
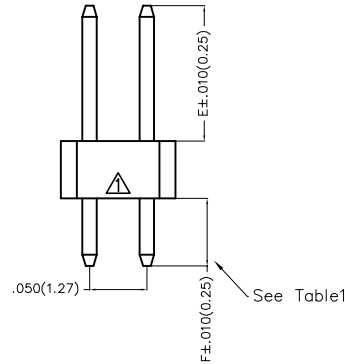
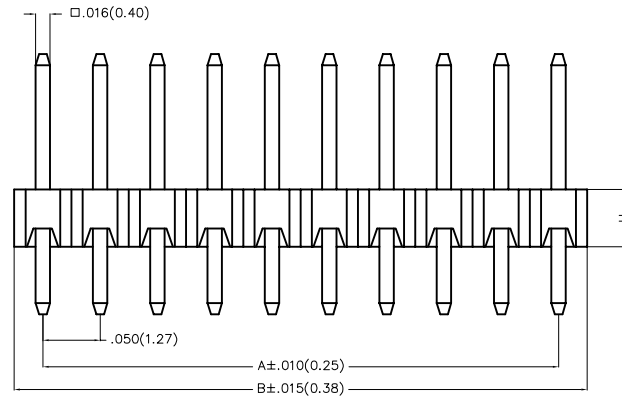
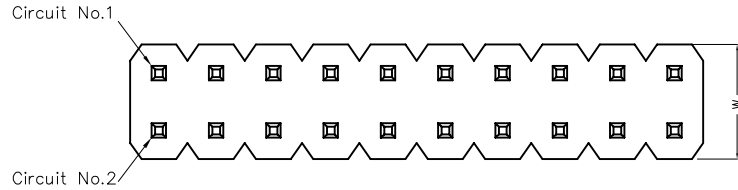
SPECIFICATIONS

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

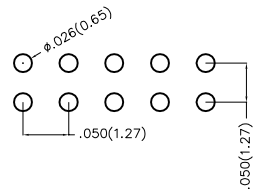
Housing:Glass Filled Polyester (UL 94V-0), Colors: Black  
Pin:Brass  
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



Ordering Information

FPH 127 30 - D XX S X XX X XX XX X 0 B  
1 2 3 4 5 6 7 8 9 10 11 12 13

Category FPH-Pin Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. 30	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
8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 4-PA6T 5-PA9T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 H Size 1,2...-Serial number (See Table1)	13 Packaging B-PE Bag	



Recommended P.C.Board Layout

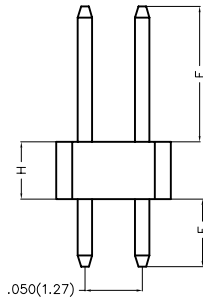
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12730-DXXSXXXXXXXXXOB	ITEM NO. FPH12730	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X:±5'	CHECKED BY CHERRY	DATE 17/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	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	
		X.XXX±.004(0.10)	.XXX'±0.5'			REV 2	SHEET NO. 1/3

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) H
1	.039(1.00)
2	.059(1.50)
3	.079(2.00)
4	.098(2.50)

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12730-DXXSXXXXXXXXX0B	ITEM NO. FPH12730	<p>Building Technology Cornerstone</p>	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 17/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)		REV 2
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	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	
			X.XXX±.004(0.10)	.XXX'±0.5'				

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	FPH12730-D02SXXXXXXXXX0B	—	.050(1.27)	44	FPH12730-D44SXXXXXXXXX0B	1.050(26.67)	1.100(27.94)
4	FPH12730-D04SXXXXXXXXX0B	.050(1.27)	.100(2.54)	46	FPH12730-D46SXXXXXXXXX0B	1.100(27.94)	1.150(29.21)
6	FPH12730-D06SXXXXXXXXX0B	.100(2.54)	.150(3.81)	48	FPH12730-D48SXXXXXXXXX0B	1.150(29.21)	1.200(30.48)
8	FPH12730-D08SXXXXXXXXX0B	.150(3.81)	.200(5.08)	50	FPH12730-D50SXXXXXXXXX0B	1.200(30.48)	1.250(31.75)
10	FPH12730-D10SXXXXXXXXX0B	.200(5.08)	.250(6.35)	52	FPH12730-D52SXXXXXXXXX0B	1.250(31.75)	1.300(33.02)
12	FPH12730-D12SXXXXXXXXX0B	.250(6.35)	.300(7.62)	54	FPH12730-D54SXXXXXXXXX0B	1.300(33.02)	1.350(34.29)
14	FPH12730-D14SXXXXXXXXX0B	.300(7.62)	.350(8.89)	56	FPH12730-D56SXXXXXXXXX0B	1.350(34.29)	1.400(35.56)
16	FPH12730-D16SXXXXXXXXX0B	.350(8.89)	.400(10.16)	58	FPH12730-D58SXXXXXXXXX0B	1.400(35.56)	1.450(36.83)
18	FPH12730-D18SXXXXXXXXX0B	.400(10.16)	.450(11.43)	60	FPH12730-D60SXXXXXXXXX0B	1.450(36.83)	1.500(38.10)
20	FPH12730-D20SXXXXXXXXX0B	.450(11.43)	.500(12.70)	62	FPH12730-D62SXXXXXXXXX0B	1.500(38.10)	1.550(39.37)
22	FPH12730-D22SXXXXXXXXX0B	.500(12.70)	.550(13.97)	64	FPH12730-D64SXXXXXXXXX0B	1.550(39.37)	1.600(40.64)
24	FPH12730-D24SXXXXXXXXX0B	.550(13.97)	.600(15.24)	66	FPH12730-D66SXXXXXXXXX0B	1.600(40.64)	1.650(41.91)
26	FPH12730-D26SXXXXXXXXX0B	.600(15.24)	.650(16.51)	68	FPH12730-D68SXXXXXXXXX0B	1.650(41.91)	1.700(43.18)
28	FPH12730-D28SXXXXXXXXX0B	.650(16.51)	.700(17.78)	70	FPH12730-D70SXXXXXXXXX0B	1.700(43.18)	1.750(44.45)
30	FPH12730-D30SXXXXXXXXX0B	.700(17.78)	.750(19.05)	72	FPH12730-D72SXXXXXXXXX0B	1.750(44.45)	1.800(45.72)
32	FPH12730-D32SXXXXXXXXX0B	.750(19.05)	.800(20.32)	74	FPH12730-D74SXXXXXXXXX0B	1.800(45.72)	1.850(46.99)
34	FPH12730-D34SXXXXXXXXX0B	.800(20.32)	.850(21.59)	76	FPH12730-D76SXXXXXXXXX0B	1.850(46.99)	1.900(48.26)
36	FPH12730-D36SXXXXXXXXX0B	.850(21.59)	.900(22.86)	78	FPH12730-D78SXXXXXXXXX0B	1.900(48.26)	1.950(49.53)
38	FPH12730-D38SXXXXXXXXX0B	.900(22.86)	.950(24.13)	80	FPH12730-D80SXXXXXXXXX0B	1.950(49.53)	2.000(50.80)
40	FPH12730-D40SXXXXXXXXX0B	.950(24.13)	1.00(25.40)	100	FPH12730-D100SXXXXXXXXX0B	2.450(62.23)	2.500(63.50)
42	FPH12730-D42SXXXXXXXXX0B	1.000(25.40)	1.050(26.67)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12730-DXXSXXXXXXXXX0B	ITEM NO. FPH12730	 Building Technology Cornerstone		
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 17/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)		REV 2	SHEET NO. 3/3
	SCALE	X.XX±.006(0.15)	.XX'±1'	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			
	5:1	X.XXX±.004(0.10)	.XXX'±0.5'						