

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Add Specification	20150514	CHERRY	JACK

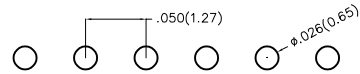
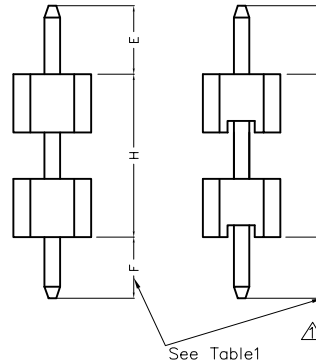
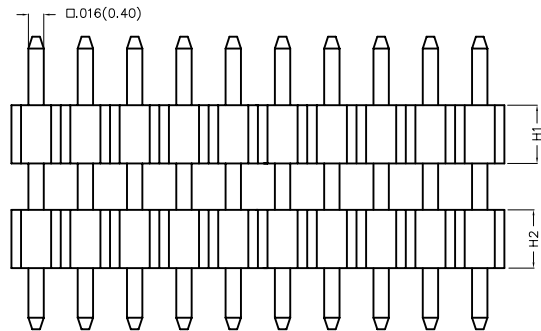
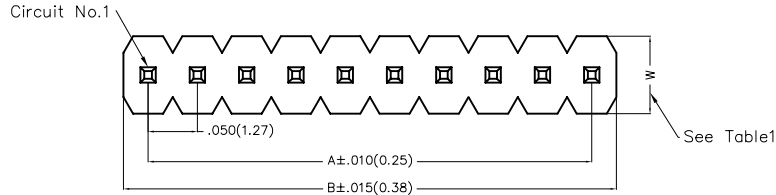
SPECIFICATIONS

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) ,Colour: Black  
Pin: Brass  
Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail



Recommended P.C.Board Layout

Ordering Information

FPH 127 E1 S XX S X XX 4 XX B  
1 2 3 4 5 6 7 8 9 10 11

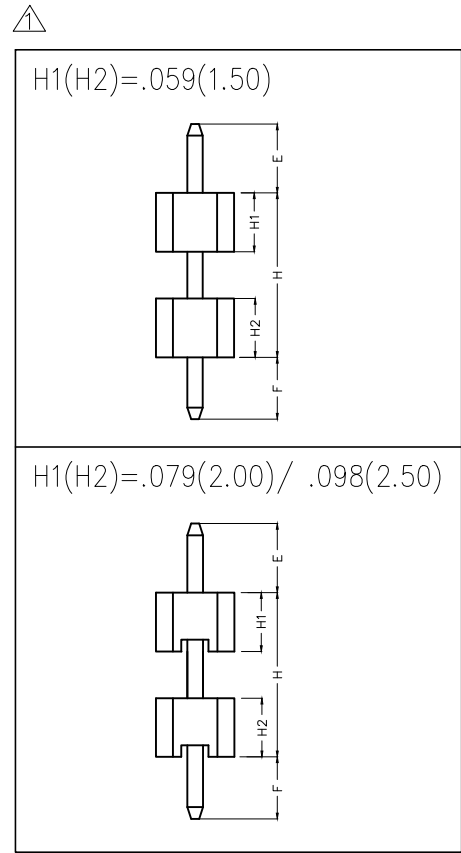
1	Category FPH-Pin Header	2	Series Number 127-Pitch1.27mm	3	Distinction No. E1	4	Row Option S-Single Row	5	Circuits XX	6	Entry Angle S-180° Vertical
7	Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8	Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9	Material-Resin 4-PA6T	10	Size 01,02... -Serial number (See Table1) Custom length available	11	Packaging B-PE Bag		

 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY JACK	DATE 14/MAY/15	PART NO. FPH127E1-SXXSXX4XXB	ITEM NO. FPH127E1	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 14/MAY/15	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)			REV 1
	X.XX±.006(0.15)	.XX'±1'	DRAWN BY CHERRY	DATE 14/MAY/15	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

REV	LOCATIONS	DESCRIPTION	DATE	REVSER	APPD

Table1

Serial number	Dimensions(in/mm)						Canceled Circuits	Note
	E	F	H1	H2	H	W		
01	.059(1.50)	.059(1.50)	.059(1.50)	.059(1.50)	.354(9.00)	.079(2.00)		
02	.059(1.50)	.157(4.00)	.059(1.50)	.059(1.50)	.118(3.00)	.079(2.00)		
03	.157(4.00)	.098(2.50)	.079(2.00)	.079(2.00)	.343(8.70)	.098(2.50)		
04	.059(1.50)	.059(1.50)	.079(2.00)	.079(2.00)	.157(4.00)	.098(2.50±.05)		
05	.157(4.00)	.043(1.10)	.059(1.50)	.059(1.50)	.118(3.00)	.079(2.00)		
06	.118(3.00)	.090(2.30)	.098(2.50)	.098(2.50)	.196(5.00)	.098(2.50)		
07	.118(3.00)	.157(4.00)	.079(2.00)	.079(2.00)	.315(8.00)	.098(2.50)		
08	.236(6.00)	.106(2.70)	.098(2.50)	.098(2.50)	.196(5.00)	.098(2.50)		
09	.059(1.50)	.059(1.50)	.098(2.50)	.098(2.50)	.196(5.00)	.098(2.50)		
10	.059(1.50)	.059(1.50)	.079(2.00)	.098(2.50)	.177(4.50)	.079(2.00)		
11	.098(2.50)	.098(2.50)	.098(2.50)	.098(2.50)	.315(8.00)	.098(2.50)		
12	.157(4.00)	.059(1.50)	.079(2.00)	.079(2.00)	.343(8.70)	.098(2.50)		
13	.059(1.50)	.059(1.50)	.059(1.50)	.059(1.50)	.236(6.00)	.079(2.00)		



A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY JACK	DATE 14/MAY/15	PART NO. FPH127E1-SXXXSXX4XXB	ITEM NO. FPH127E1	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 14/MAY/15	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 CHERRY	DATE 14/MAY/15	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 1	SHEET NO. 2/3

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH127E1-S01SXXX4XXB	—	.050(1.27)	21	FPH127E1-S21SXXX4XXB	1.000(25.40)	1.050(26.67)
2	FPH127E1-S02SXXX4XXB	.050(1.27)	.100(2.54)	22	FPH127E1-S22SXXX4XXB	1.050(26.67)	1.100(27.94)
3	FPH127E1-S03SXXX4XXB	.100(2.54)	.150(3.81)	23	FPH127E1-S23SXXX4XXB	1.100(27.94)	1.150(29.21)
4	FPH127E1-S04SXXX4XXB	.150(3.81)	.200(5.08)	24	FPH127E1-S24SXXX4XXB	1.150(29.21)	1.200(30.48)
5	FPH127E1-S05SXXX4XXB	.200(5.08)	.250(6.35)	25	FPH127E1-S25SXXX4XXB	1.200(30.48)	1.250(31.75)
6	FPH127E1-S06SXXX4XXB	.250(6.35)	.300(7.62)	26	FPH127E1-S26SXXX4XXB	1.250(31.75)	1.300(33.02)
7	FPH127E1-S07SXXX4XXB	.300(7.62)	.350(8.89)	27	FPH127E1-S27SXXX4XXB	1.300(33.02)	1.350(34.29)
8	FPH127E1-S08SXXX4XXB	.350(8.89)	.400(10.16)	28	FPH127E1-S28SXXX4XXB	1.350(34.29)	1.400(35.56)
9	FPH127E1-S09SXXX4XXB	.400(10.16)	.450(11.43)	29	FPH127E1-S29SXXX4XXB	1.400(35.56)	1.450(36.83)
10	FPH127E1-S10SXXX4XXB	.450(11.43)	.500(12.70)	30	FPH127E1-S30SXXX4XXB	1.450(36.83)	1.500(38.10)
11	FPH127E1-S11SXXX4XXB	.500(12.70)	.550(13.97)	31	FPH127E1-S31SXXX4XXB	1.500(38.10)	1.550(39.37)
12	FPH127E1-S12SXXX4XXB	.550(13.97)	.600(15.24)	32	FPH127E1-S32SXXX4XXB	1.550(39.37)	1.600(40.64)
13	FPH127E1-S13SXXX4XXB	.600(15.24)	.650(16.51)	33	FPH127E1-S33SXXX4XXB	1.600(40.64)	1.650(41.91)
14	FPH127E1-S14SXXX4XXB	.650(16.51)	.700(17.78)	34	FPH127E1-S34SXXX4XXB	1.650(41.91)	1.700(43.18)
15	FPH127E1-S15SXXX4XXB	.700(17.78)	.750(19.05)	35	FPH127E1-S35SXXX4XXB	1.700(43.18)	1.750(44.45)
16	FPH127E1-S16SXXX4XXB	.750(19.05)	.800(20.32)	36	FPH127E1-S36SXXX4XXB	1.750(44.45)	1.800(45.72)
17	FPH127E1-S17SXXX4XXB	.800(20.32)	.850(21.59)	37	FPH127E1-S37SXXX4XXB	1.800(45.72)	1.850(46.99)
18	FPH127E1-S18SXXX4XXB	.850(21.59)	.900(22.86)	38	FPH127E1-S38SXXX4XXB	1.850(46.99)	1.900(48.26)
19	FPH127E1-S19SXXX4XXB	.900(22.86)	.950(24.13)	39	FPH127E1-S39SXXX4XXB	1.900(48.26)	1.950(49.53)
20	FPH127E1-S20SXXX4XXB	.950(24.13)	1.00(25.40)	40	FPH127E1-S40SXXX4XXB	1.950(49.53)	2.000(50.80)

A



B

C

D

E

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY JACK	DATE 14/MAY/15	PART NO. FPH127E1-SXXSXXX4XXB	ITEM NO. FPH127E1	 Leader Of Industry		
	X.±.012(0.30)	X'.±5'	CHECKED BY JACOB	DATE 14/MAY/15	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)			REV 1	SHEET NO. 3/3
	X.XX±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 14/MAY/15	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	X.XX±.006(0.15)	.XX'±1'							
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'						

1 2 3 4 5 6 7 8