

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

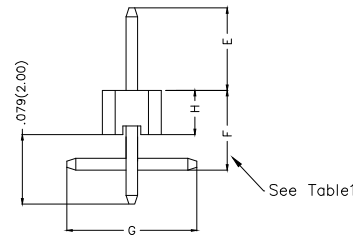
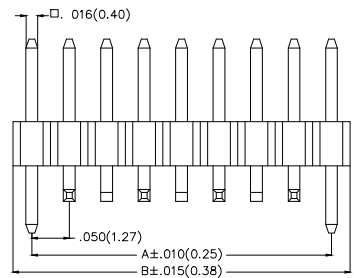
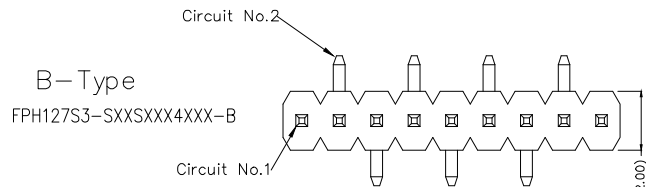
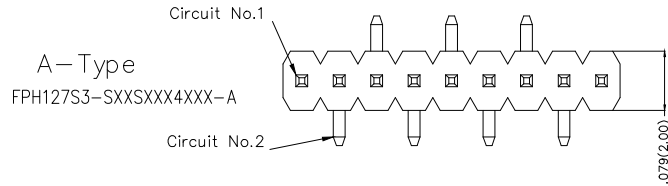
**SPECIFICATIONS**

**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

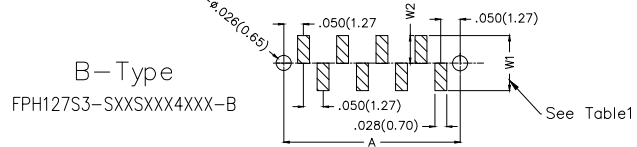
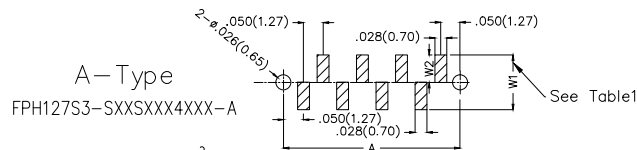
**Material and Plating**

Housing: Glass Filled Polyester( UL 94V-0) ,Colour: Black  
Pin: Brass/ Gold-Flash /Gold Plated Options



**Ordering Information**

FPH 127 S3 - S XX S X XX 4 XX X - X  
1 2 3 4 5 6 7 8 9 10 11 12



**Recommended P.C.Board Layout**  
Tolerances: .002(±0.05)

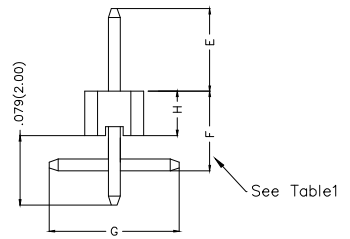
1 <b>Category</b> FPH-Pin Header	2 <b>Series Number</b> 127-Pitch1.27mm	3 <b>Distinction No.</b> S3	4 <b>Row Option</b> S-Single Row	5 <b>Circuits</b> XX	6 <b>Entry Angle</b> S-Vertical
7 <b>Gold Plating</b> 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 <b>Thickness of Gold Plating</b> 00-Gold Flash 05-5u"; 15-15u" Custom Plate Available	9 <b>Material-Resin</b> 4-PA6T	10 <b>Size</b> 01,02... -Serial number ...E/F/G: Custom Length Available (See Table1)	11 <b>Packaging</b> M-Reel L-Tube	12 <b>Products Categories</b> A-Type A B-Type B

<p>THIRD ANGLE PROJECTION</p>	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> X.±.012(0.30) X.±5' X.X±.008(0.20) .X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		<b>APPROVE BY</b> FRANK <b>DATE</b> 25/JUN/13	<b>PART NO.</b> FPH127S3-SXXSXXX4XXX-X <b>ITEM NO.</b> FPH127S3	<p><b>TXGA</b> Leader Of Industry</p>
	<b>DESIGN UNITS</b> Inch (metric)	<b>CHECKED BY</b> CHERRY <b>DATE</b> 25/JUN/13	<b>TITLE</b> Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(SMT)	<b>REV</b> 0 <b>SHEET NO.</b> 1/3	
<b>SCALE</b> 5:1 <b>SIZE</b> A4	<b>DRAWN BY</b> JACOB <b>DATE</b> 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	Pin Length(in/mm)				Recommended P.C.B Layout (Dimension)		Empty Pin	NOTE
	E	F	G	H	W1	W2		
01	.118(3.00)	.071(1.80)	.217(4.00)	.039(1.00)	.173(4.40)	.094(2.40)		
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								



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	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	
		X.XXX±.004(0.10)	.XXX±0.5'			REV 0	SHEET NO. 2/3

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH127S3-S02SXXX4XXX-X	.050(1.27)	.100(2.54)	22	FPH127S3-S22SXXX4XXX-X	1.050(26.67)	1.100(27.94)
3	FPH127S3-S03SXXX4XXX-X	.100(2.54)	.150(3.81)	23	FPH127S3-S23SXXX4XXX-X	1.100(27.94)	1.150(29.21)
4	FPH127S3-S04SXXX4XXX-X	.150(3.81)	.200(5.08)	24	FPH127S3-S24SXXX4XXX-X	1.150(29.21)	1.200(30.48)
5	FPH127S3-S05SXXX4XXX-X	.200(5.08)	.250(6.35)	25	FPH127S3-S25SXXX4XXX-X	1.200(30.48)	1.250(31.75)
6	FPH127S3-S06SXXX4XXX-X	.250(6.35)	.300(7.62)	26	FPH127S3-S26SXXX4XXX-X	1.250(31.75)	1.300(33.02)
7	FPH127S3-S07SXXX4XXX-X	.300(7.62)	.350(8.89)	27	FPH127S3-S27SXXX4XXX-X	1.300(33.02)	1.350(34.29)
8	FPH127S3-S08SXXX4XXX-X	.350(8.89)	.400(10.16)	28	FPH127S3-S28SXXX4XXX-X	1.350(34.29)	1.400(35.56)
9	FPH127S3-S09SXXX4XXX-X	.400(10.16)	.450(11.43)	29	FPH127S3-S29SXXX4XXX-X	1.400(35.56)	1.450(36.83)
10	FPH127S3-S10SXXX4XXX-X	.450(11.43)	.500(12.70)	30	FPH127S3-S30SXXX4XXX-X	1.450(36.83)	1.500(38.10)
11	FPH127S3-S11SXXX4XXX-X	.500(12.70)	.550(13.97)	31	FPH127S3-S31SXXX4XXX-X	1.500(38.10)	1.550(39.37)
12	FPH127S3-S12SXXX4XXX-X	.550(13.97)	.600(15.24)	32	FPH127S3-S32SXXX4XXX-X	1.550(39.37)	1.600(40.64)
13	FPH127S3-S13SXXX4XXX-X	.600(15.24)	.650(16.51)	33	FPH127S3-S33SXXX4XXX-X	1.600(40.64)	1.650(41.91)
14	FPH127S3-S14SXXX4XXX-X	.650(16.51)	.700(17.78)	34	FPH127S3-S34SXXX4XXX-X	1.650(41.91)	1.700(43.18)
15	FPH127S3-S15SXXX4XXX-X	.700(17.78)	.750(19.05)	35	FPH127S3-S35SXXX4XXX-X	1.700(43.18)	1.750(44.45)
16	FPH127S3-S16SXXX4XXX-X	.750(19.05)	.800(20.32)	36	FPH127S3-S36SXXX4XXX-X	1.750(44.45)	1.800(45.72)
17	FPH127S3-S17SXXX4XXX-X	.800(20.32)	.850(21.59)	37	FPH127S3-S37SXXX4XXX-X	1.800(45.72)	1.850(46.99)
18	FPH127S3-S18SXXX4XXX-X	.850(21.59)	.900(22.86)	38	FPH127S3-S38SXXX4XXX-X	1.850(46.99)	1.900(48.26)
19	FPH127S3-S19SXXX4XXX-X	.900(22.86)	.950(24.13)	39	FPH127S3-S39SXXX4XXX-X	1.900(48.26)	1.950(49.53)
20	FPH127S3-S20SXXX4XXX-X	.950(24.13)	1.00(25.40)	40	FPH127S3-S40SXXX4XXX-X	1.950(49.53)	2.000(50.80)
21	FPH127S3-S21SXXX4XXX-X	1.000(25.40)	1.050(26.67)				

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