

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	SIZE CHANGE	20160612	CHERRY	JACK

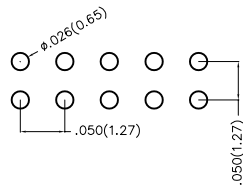
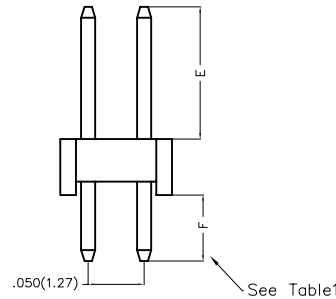
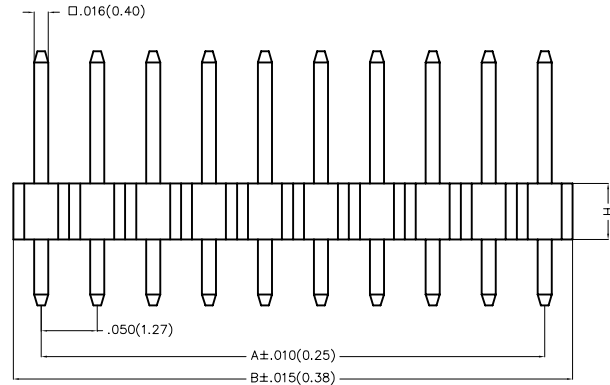
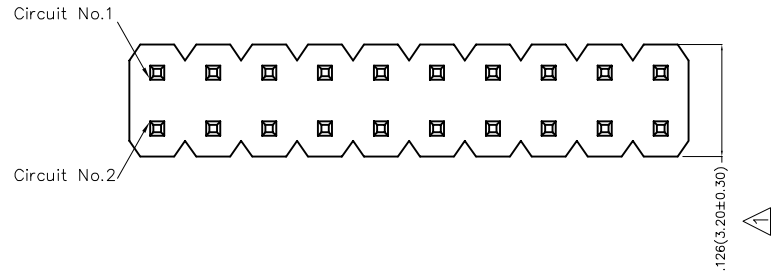
SPECIFICATIONS

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), Colors: 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 21 - D XX S X XX 4 XX B
1 2 3 4 5 6 7 8 9 10 11

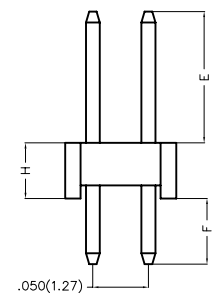
1 Category FPH-Pin Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. 21	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging B-PE Bag	

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/JUN/16	PART NO. FPH12721-DXXSXX4XXB	ITEM NO. FPH12721	<p>Leader Of Industry</p>
	X.±.012(0.30)	X:±5'	CHECKED BY JACOB	DATE 12/JUN/16	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 12/JUN/16	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)					
		X.XXX±.004(0.10)					

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A Table1



Serial number	Dimensions(in/mm)			Canceled Circuits	Note	Serial number	Dimensions(in/mm)			Canceled Circuits	Note
	E	F	H				E	F	H		
01	.071(1.80)	.083(2.10)	.039(1.00)	—		28	.150(3.80)	.059(1.50)	.059(1.50)	—	
02	.118(3.00)	.091(2.30)	.039(1.00)	—							
03	.118(3.00)	.071(1.80)	.039(1.00)	—							
04											
05	.106(2.70)	.071(1.80)	.039(1.00)	—							
06	.197(5.00)	.071(1.80)	.039(1.00)	—							
07	.110(2.80)	.102(2.60)	.039(1.00)	—							
08	.075(1.91)	.090(2.29)	.039(1.00)	—							
09	.140(3.56)	.071(1.80)	.039(1.00)	—							
10	.157(4.00)	.098(2.50)	.039(2.00)	—							
11	.157(4.00)	.071(1.80)	.039(1.00)	—							
12	.079(2.00)	.118(3.00)	.039(1.00)	—							
13	.157(4.00)	.110(2.80)	.039(1.00)	—							
14	.118(3.00)	.091(2.30)	.098(2.50)	—							
15	.118(3.25)	.118(3.00)	.098(1.00)	—							
16	.230(5.84)	.100(2.54)	.098(2.50)	—							
17	.079(2.00)	.059(1.50)	.059(1.50)	—							
18	.118(3.00)	.110(2.80)	.059(1.50)	—							
19	.157(4.00)	.091(2.30)	.039(1.00)	—							
20	.079(2.00)	.071(1.80)	.059(1.50)	—							
21	.118(3.00)	.197(5.00)	.039(1.00)	—							
22	.079(2.00)	.079(2.00)	.039(1.00)	—							
23											
24	.236(6.00)	.118(3.00)	.098(2.50)	—							
25	.118(3.00)	.043(1.10)	.039(1.00)	—							
26	.230(5.84)	.120(3.05)	.098(2.50)	—							
27	.138(3.50)	.157(4.00)	.079(2.00)	—							



<p>THIRD ANGLE PROJECTION</p> <p>DESIGN UNITS Inch (metric)</p> <p>SCALE 5:1</p> <p>SIZE A4</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH12721-DXXSXXX4XXB	ITEM NO. FPH12721	<p>Leader Of Industry</p>	
	X.±.012(0.30)	X'±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 1.27mm 180° Vertical(DIP)			REV 1
	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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH12721-D02SXXX4XXB	—	.050(1.27)	42	FPH12721-D42SXXX4XXB	1.000(25.40)	1.050(26.67)
4	FPH12721-D04SXXX4XXB	.050(1.27)	.100(2.54)	44	FPH12721-D44SXXX4XXB	1.050(26.67)	1.100(27.94)
6	FPH12721-D06SXXX4XXB	.100(2.54)	.150(3.81)	46	FPH12721-D46SXXX4XXB	1.100(27.94)	1.150(29.21)
8	FPH12721-D08SXXX4XXB	.150(3.81)	.200(5.08)	48	FPH12721-D48SXXX4XXB	1.150(29.21)	1.200(30.48)
10	FPH12721-D10SXXX4XXB	.200(5.08)	.250(6.35)	50	FPH12721-D50SXXX4XXB	1.200(30.48)	1.250(31.75)
12	FPH12721-D12SXXX4XXB	.250(6.35)	.300(7.62)	52	FPH12721-D52SXXX4XXB	1.250(31.75)	1.300(33.02)
14	FPH12721-D14SXXX4XXB	.300(7.62)	.350(8.89)	54	FPH12721-D54SXXX4XXB	1.300(33.02)	1.350(34.29)
16	FPH12721-D16SXXX4XXB	.350(8.89)	.400(10.16)	56	FPH12721-D56SXXX4XXB	1.350(34.29)	1.400(35.56)
18	FPH12721-D18SXXX4XXB	.400(10.16)	.450(11.43)	58	FPH12721-D58SXXX4XXB	1.400(35.56)	1.450(36.83)
20	FPH12721-D20SXXX4XXB	.450(11.43)	.500(12.70)	60	FPH12721-D60SXXX4XXB	1.450(36.83)	1.500(38.10)
22	FPH12721-D22SXXX4XXB	.500(12.70)	.550(13.97)	62	FPH12721-D62SXXX4XXB	1.500(38.10)	1.550(39.37)
24	FPH12721-D24SXXX4XXB	.550(13.97)	.600(15.24)	64	FPH12721-D64SXXX4XXB	1.550(39.37)	1.600(40.64)
26	FPH12721-D26SXXX4XXB	.600(15.24)	.650(16.51)	66	FPH12721-D66SXXX4XXB	1.600(40.64)	1.650(41.91)
28	FPH12721-D28SXXX4XXB	.650(16.51)	.700(17.78)	68	FPH12721-D68SXXX4XXB	1.650(41.91)	1.700(43.18)
30	FPH12721-D30SXXX4XXB	.700(17.78)	.750(19.05)	70	FPH12721-D70SXXX4XXB	1.700(43.18)	1.750(44.45)
32	FPH12721-D32SXXX4XXB	.750(19.05)	.800(20.32)	72	FPH12721-D72SXXX4XXB	1.750(44.45)	1.800(45.72)
34	FPH12721-D34SXXX4XXB	.800(20.32)	.850(21.59)	74	FPH12721-D74SXXX4XXB	1.800(45.72)	1.850(46.99)
36	FPH12721-D36SXXX4XXB	.850(21.59)	.900(22.86)	76	FPH12721-D76SXXX4XXB	1.850(46.99)	1.900(48.26)
38	FPH12721-D38SXXX4XXB	.900(22.86)	.950(24.13)	78	FPH12721-D78SXXX4XXB	1.900(48.26)	1.950(49.53)
40	FPH12721-D40SXXX4XXB	.950(24.13)	1.00(25.40)	80	FPH12721-D80SXXX4XXB	1.950(49.53)	2.000(50.80)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH12721-DXXSXXX4XXB	ITEM NO. FPH12721	 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(DIP)			REV 1 SHEET NO. 3/3
	SCALE 5:1	SIZE A4	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		