

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

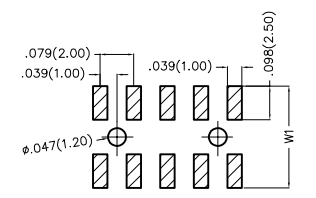
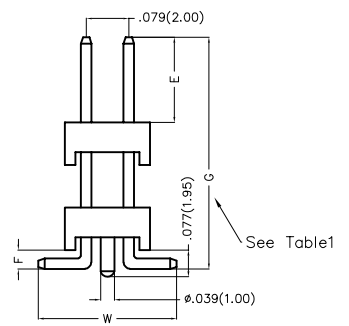
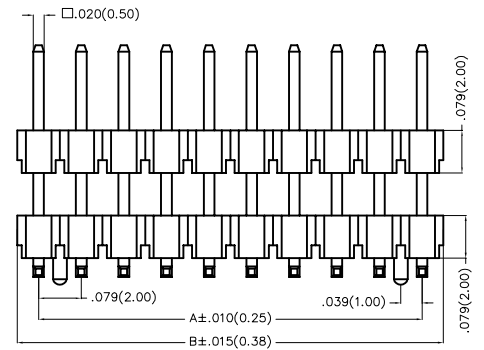
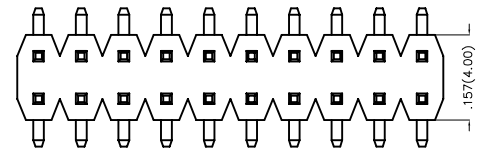
**SPECIFICATIONS**

**Electrical**

Current Rating: 2.0A 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**

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



Recommended P.C.Board Layout

**Ordering Information**

FPH 200 F3 - D XX S X XX X XX M  
 1 2 3 4 5 6 7 8 9 10 11

1	Category FPH-Pin Header	2	Series Number 200-Pitch2.00mm	3	Distinction No. F3	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, tin on tail	8	Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9	Material-Resin 3-LCP 4-PA6T	10	Size 01,02... -Serial number (See Table1) Custom length available	11	Packaging M-Reel		

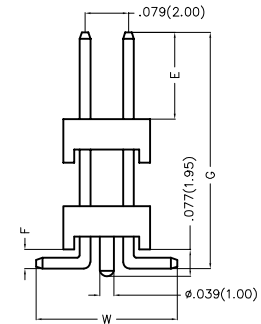
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH200F3-DXXSXXXXXX	ITEM NO. FPH200F3	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)	REV 0	
DESIGN UNITS Inch (metric)	X.X±.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'	X.XXX±.004(0.10)	.XXX'±0.5'		

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Table1

Serial number	Dimensions(in/mm)					Canceled Circuits	Note
	E	F	G	W	W1		
01	.150(3.80)	.020(0.50)	.709(18.00)	.252(6.40)	.276(7.00)	—	
02	.177(4.50)	.024(0.60)	.496(12.60)	.252(6.40)	.276(7.00)	—	
03	.236(4.10)	.020(0.50)	.484(12.30)	.252(6.40)	.276(7.00)	—	
04	.118(3.00)	.020(0.50)	.484(12.30)	.394(10.00)	.417(10.60)	—	
05	.256(6.50)	.020(0.50)	.571(14.50)	.256(6.50)	.280(7.10)	No.9,10,11,12	Only 20Circuits
06							
07							
08							
09	.201(5.10)	.039(1.00)	.772(19.60)	.256(6.50)	.280(7.10)	—	
10							
11	.315(8.00)	.020(0.50)	.709(18.00)	.256(6.50)	.280(7.10)	—	
12	.236(6.00)	.020(0.50)	.709(18.00)	.256(6.50)	.280(7.10)	—	
13	.150(3.80)	.020(0.50)	.433(11.00)	.252(6.40)	.276(7.00)	—	



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	X.±.012(0.30)	X.'±5'	FRANK	25/JUN/13	FPH200F3-DXXSXXXXXXM	FPH200F3		
	DESIGN UNITS	X.XX±.008(0.20)	X.'±2'	CHECKED BY	DATE	TITLE		
	Inch (metric)	X.XX±.006(0.15)	.XX'±1'	CHERRY	25/JUN/13	Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)		
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	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	A4			JACOB	25/JUN/13	REV 0	SHEET NO. 2/3	

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

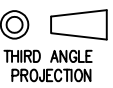

C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH200F3-D04SXXXXXXM	.079(2.00)	.157(4.00)	44	FPH200F3-D44SXXXXXXM	1.654(42.00)	1.732(44.00)
6	FPH200F3-D06SXXXXXXM	.157(4.00)	.236(6.00)	46	FPH200F3-D46SXXXXXXM	1.732(44.00)	1.811(46.00)
8	FPH200F3-D08SXXXXXXM	.236(6.00)	.315(8.00)	48	FPH200F3-D48SXXXXXXM	1.811(46.00)	1.890(48.00)
10	FPH200F3-D10SXXXXXXM	.315(8.00)	.394(10.00)	50	FPH200F3-D50SXXXXXXM	1.890(48.00)	1.969(50.00)
12	FPH200F3-D12SXXXXXXM	.394(10.00)	.472(12.00)	52	FPH200F3-D52SXXXXXXM	1.969(50.00)	2.047(52.00)
14	FPH200F3-D14SXXXXXXM	.472(12.00)	.551(14.00)	54	FPH200F3-D54SXXXXXXM	2.047(52.00)	2.126(54.00)
16	FPH200F3-D16SXXXXXXM	.551(14.00)	.630(16.00)	56	FPH200F3-D56SXXXXXXM	2.126(54.00)	2.205(56.00)
18	FPH200F3-D18SXXXXXXM	.630(16.00)	.709(18.00)	58	FPH200F3-D58SXXXXXXM	2.205(56.00)	2.283(58.00)
20	FPH200F3-D20SXXXXXXM	.709(18.00)	.787(20.00)	60	FPH200F3-D60SXXXXXXM	2.283(58.00)	2.362(60.00)
22	FPH200F3-D22SXXXXXXM	.787(20.00)	.866(22.00)	62	FPH200F3-D62SXXXXXXM	2.362(60.00)	2.441(62.00)
24	FPH200F3-D24SXXXXXXM	.866(22.00)	.945(24.00)	64	FPH200F3-D64SXXXXXXM	2.441(62.00)	2.520(64.00)
26	FPH200F3-D26SXXXXXXM	.945(24.00)	1.024(26.00)	66	FPH200F3-D66SXXXXXXM	2.520(64.00)	2.598(66.00)
28	FPH200F3-D28SXXXXXXM	1.024(26.00)	1.102(28.00)	68	FPH200F3-D68SXXXXXXM	2.598(66.00)	2.677(68.00)
30	FPH200F3-D30SXXXXXXM	1.102(28.00)	1.181(30.00)	70	FPH200F3-D70SXXXXXXM	2.677(68.00)	2.756(70.00)
32	FPH200F3-D32SXXXXXXM	1.181(30.00)	1.260(32.00)	72	FPH200F3-D72SXXXXXXM	2.756(70.00)	2.835(72.00)
34	FPH200F3-D34SXXXXXXM	1.260(32.00)	1.339(34.00)	74	FPH200F3-D74SXXXXXXM	2.835(72.00)	2.913(74.00)
36	FPH200F3-D36SXXXXXXM	1.339(34.00)	1.417(36.00)	76	FPH200F3-D76SXXXXXXM	2.913(74.00)	2.992(76.00)
38	FPH200F3-D38SXXXXXXM	1.417(36.00)	1.496(38.00)	78	FPH200F3-D78SXXXXXXM	2.992(76.00)	3.071(78.00)
40	FPH200F3-D40SXXXXXXM	1.496(38.00)	1.574(40.00)	80	FPH200F3-D80SXXXXXXM	3.071(78.00)	3.150(80.00)
42	FPH200F3-D42SXXXXXXM	1.574(40.00)	1.654(42.00)				

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