

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

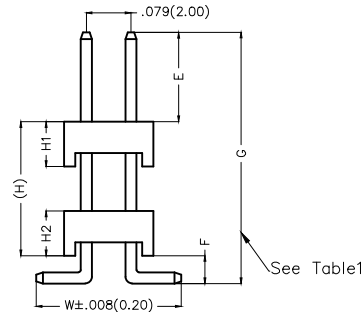
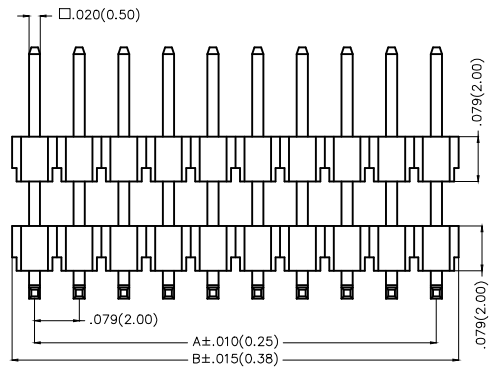
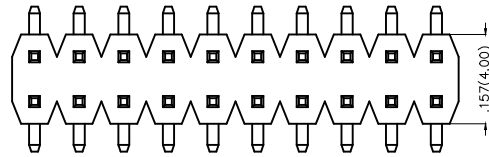
SPECIFICATIONS

Electrical

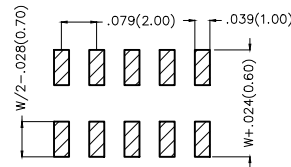
Current Rating: 2.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 600V AC r.m.s
 Temperature Range-Operating: -40°C~+105°C

Material

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



See Table1



Recommended P.C.Board Layout

Ordering Information

FPH 200 F2 - D XX S X XX 4 XX X
 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. F2	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 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging M-Reel B-PE Bag	

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH200F2-DXXSXXX4XXX	ITEM NO. FPH200F2	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	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
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		

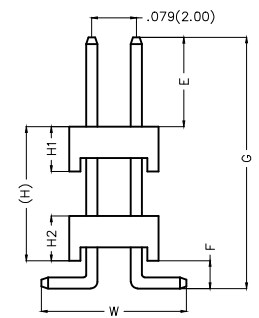
1 2 3 4 5 6 7 8

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Table1

Serial number	Dimensions(in/mm)							Canceled Circuits	Note
	E	F	G	(H)	H1	H2	W		
01	.157(4.00)	.020(0.50)	.335(8.50)	.157(4.00)	.079(2.00)	.079(2.00)	.252(6.40)	—	
02	.236(6.00)	.020(0.50)	.413(10.50)	.157(4.00)	.079(2.00)	.079(2.00)	.252(6.40)	—	
03	.236(4.00)	.020(0.50)	.413(13.40)	.350(8.90)	.079(2.00)	.079(2.00)	.252(6.40)	—	
04	.236(4.00)	.020(0.50)	.370(9.50)	.197(5.00)	.079(2.00)	.079(2.00)	.252(6.40)	—	
05	.177(4.50)	.024(0.60)	.496(12.60)	.295(7.50)	.079(2.00)	.079(2.00)	.252(6.40)	—	
06	.157(4.00)	.020(0.50)	.413(14.50)	.394(10.00)	.079(2.00)	.079(2.00)	.252(6.40)	—	
07	.236(4.10)	.020(0.50)	.484(12.30)	.303(7.70)	.079(2.00)	.079(2.00)	.252(6.40)	—	
08	.236(4.00)	.020(0.50)	.630(16.00)	.453(11.50)	.079(2.00)	.079(2.00)	.252(6.40)	—	
09	.236(4.00)	.020(0.50)	.358(9.10)	.181(4.60)	.079(2.00)	.079(2.00)	.252(6.40)	—	
10	.185(4.70)	.071(1.80)	.394(10.00)	.138(3.50)	.059(1.50)	.079(2.00)	.252(6.40)	—	
11	.218(5.54)	.022(0.56)	.390(9.90)	.150(3.80)	.059(1.50)	.079(2.00)	.252(6.40)	—	



A
B
C
D
E
F

A
B
C
D
E
F

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>	
	X.±.012(0.30)	X.±5'	FRANK	25/JUN/13	FPH200F2-DXXSXXX4XXX	FPH200F2		
	X.X±.008(0.20)	.X±2'	CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 2/3
	X.XX±.006(0.15)	.XX±1'	CHERRY	25/JUN/13	Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SCALE	SIZE	X.XXX±.004(0.10)	.XXX±0.5'	DRAWN BY	DATE			
5:1	A4	JACOB	25/JUN/13					

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

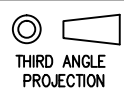

E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH200F2-D04SXXX4XXX	.079(2.00)	.157(4.00)	44	FPH200F2-D44SXXX4XXX	1.654(42.00)	1.732(44.00)
6	FPH200F2-D06SXXX4XXX	.157(4.00)	.236(6.00)	46	FPH200F2-D46SXXX4XXX	1.732(44.00)	1.811(46.00)
8	FPH200F2-D08SXXX4XXX	.236(6.00)	.315(8.00)	48	FPH200F2-D48SXXX4XXX	1.811(46.00)	1.890(48.00)
10	FPH200F2-D10SXXX4XXX	.315(8.00)	.394(10.00)	50	FPH200F2-D50SXXX4XXX	1.890(48.00)	1.969(50.00)
12	FPH200F2-D12SXXX4XXX	.394(10.00)	.472(12.00)	52	FPH200F2-D52SXXX4XXX	1.969(50.00)	2.047(52.00)
14	FPH200F2-D14SXXX4XXX	.472(12.00)	.551(14.00)	54	FPH200F2-D54SXXX4XXX	2.047(52.00)	2.126(54.00)
16	FPH200F2-D16SXXX4XXX	.551(14.00)	.630(16.00)	56	FPH200F2-D56SXXX4XXX	2.126(54.00)	2.205(56.00)
18	FPH200F2-D18SXXX4XXX	.630(16.00)	.709(18.00)	58	FPH200F2-D58SXXX4XXX	2.205(56.00)	2.283(58.00)
20	FPH200F2-D20SXXX4XXX	.709(18.00)	.787(20.00)	60	FPH200F2-D60SXXX4XXX	2.283(58.00)	2.362(60.00)
22	FPH200F2-D22SXXX4XXX	.787(20.00)	.866(22.00)	62	FPH200F2-D62SXXX4XXX	2.362(60.00)	2.441(62.00)
24	FPH200F2-D24SXXX4XXX	.866(22.00)	.945(24.00)	64	FPH200F2-D64SXXX4XXX	2.441(62.00)	2.520(64.00)
26	FPH200F2-D26SXXX4XXX	.945(24.00)	1.024(26.00)	66	FPH200F2-D66SXXX4XXX	2.520(64.00)	2.598(66.00)
28	FPH200F2-D28SXXX4XXX	1.024(26.00)	1.102(28.00)	68	FPH200F2-D68SXXX4XXX	2.598(66.00)	2.677(68.00)
30	FPH200F2-D30SXXX4XXX	1.102(28.00)	1.181(30.00)	70	FPH200F2-D70SXXX4XXX	2.677(68.00)	2.756(70.00)
32	FPH200F2-D32SXXX4XXX	1.181(30.00)	1.260(32.00)	72	FPH200F2-D72SXXX4XXX	2.756(70.00)	2.835(72.00)
34	FPH200F2-D34SXXX4XXX	1.260(32.00)	1.339(34.00)	74	FPH200F2-D74SXXX4XXX	2.835(72.00)	2.913(74.00)
36	FPH200F2-D36SXXX4XXX	1.339(34.00)	1.417(36.00)	76	FPH200F2-D76SXXX4XXX	2.913(74.00)	2.992(76.00)
38	FPH200F2-D38SXXX4XXX	1.417(36.00)	1.496(38.00)	78	FPH200F2-D78SXXX4XXX	2.992(76.00)	3.071(78.00)
40	FPH200F2-D40SXXX4XXX	1.496(38.00)	1.574(40.00)	80	FPH200F2-D80SXXX4XXX	3.071(78.00)	3.150(80.00)
42	FPH200F2-D42SXXX4XXX	1.574(40.00)	1.654(42.00)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH200F2-DXXSXXX4XXX	ITEM NO. FPH200F2	 Leader Of Industry			
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5' .X'±2'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)		REV 0	SHEET NO. 3/3	
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	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				

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