

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

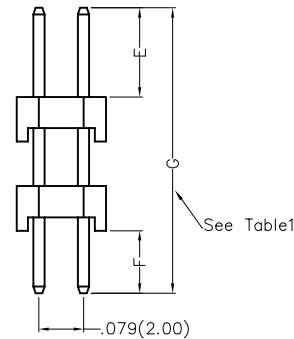
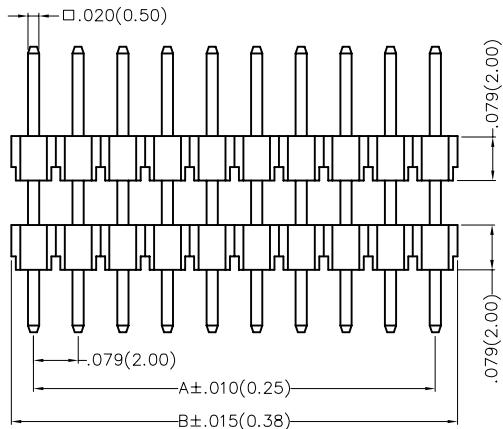
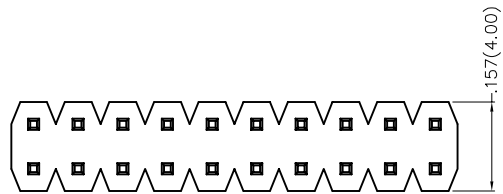
SPECIFICATIONS

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

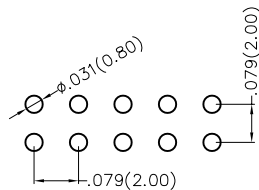
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail



Ordering Information

FPH 200 F1 - D XX S X XX X XX B
 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. F1	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 1-PBT 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging B-PE Bag	



Recommended P.C.Board Layout

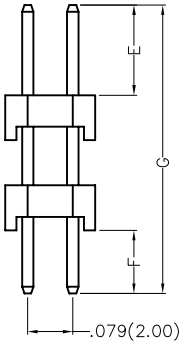
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUN/16	PART NO. FPH200F1-DXXSXXXXXXB	ITEM NO. FPH200F1	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 01/JUN/16	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2"	DRAWN BY KATE	DATE 01/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.XX±.004(0.10)					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions(in/mm)			Canceled Circuits	Note	Serial number	Dimensions(in/mm)			Canceled Circuits	Note
	E	F	G				E	F	G		
01	.185(4.70)	.185(4.70)	.677(17.20)	—		27	.157(4.00)	.118(3.00)	.866(22.00)	—	
02	.185(4.70)	.185(4.70)	.598(15.20)	—		28	.157(4.00)	.118(3.00)	1.063(27.00)	—	
03	.118(3.00)	.157(4.00)	.673(17.10)	—		29	.157(4.00)	.118(3.00)	.748(19.00)	—	
04						30	.118(3.00)	.157(4.00)	1.221(31.00)	—	
05	.134(3.40)	.094(2.40)	1.157(29.40)	—		31	.157(4.00)	.118(2.80)	.562(14.30)	—	
06	.134(3.40)	.094(2.40)	.929(23.60)	—		32					
07	.630(16.00)	.118(3.00)	.906(23.00)	—		33	.157(4.00)	.118(3.00)	.591(15.00)	—	
08	.118(3.00)	.118(3.00)	.630(16.00)	—		34	.118(3.00)	.098(2.50)	.472(12.00)	—	
09	.118(3.00)	.118(3.00)	.965(24.50)	—		35	.157(4.00)	.118(3.00)	.787(20.00)	—	
10	.295(7.50)	.118(3.00)	.728(18.50)	—		36	.079(2.00)	.098(2.50)	.394(10.00)	—	
11	.118(3.00)	.118(3.00)	.512(13.00)	—		37	.236(6.00)	.118(3.00)	.669(17.00)	—	
12	.118(3.00)	.118(3.00)	.669(17.00)	—		38	.098(2.50)	.118(3.00)	.709(18.00)	—	
13	.118(3.00)	.118(3.00)	.748(19.00)	—		39	.118(3.00)	.098(2.50)	.531(13.50)	—	
14	.118(3.00)	.236(6.00)	1.535(39.00)	—		40	.157(4.00)	.118(3.00)	1.378(35.00)	—	
15	.079(2.00)	.098(2.50)	.335(8.50)	—		41	.236(6.00)	.118(3.00)	.610(15.50)	—	
16	.157(4.00)	.098(2.50)	1.772(45.00)	—		42	.185(4.70)	.118(3.00)	.681(17.30)	—	
17	.173(4.40)	.118(3.00)	.472(12.00)	—		43	.315(8.00)	.106(2.70)	.776(19.70)	—	
18	.173(4.40)	.118(3.00)	.630(16.00)	—		44	.157(4.00)	.118(2.80)	.650(16.50)	—	
19	.118(3.00)	.118(3.00)	.394(10.00)	—		45	.236(6.00)	.130(3.30)	1.469(37.30)	—	
20	.157(4.00)	.118(3.00)	.500(12.70)	—		46	.157(4.00)	.118(3.00)	1.049(26.65)	—	
21	.157(4.00)	.118(3.00)	1.012(25.70)	—		47	.236(6.00)	.118(3.00)	.768(19.50)	—	
22	.157(4.00)	.118(3.00)	.500(12.40)	—							
23	.196(5.00)	.137(3.50)	1.398(35.50)	—							
24	.157(4.00)	.118(3.00)	.905(23.00)	—							
25	.157(4.00)	.118(3.00)	1.102(28.00)	—							
26											



THIRD ANGLE PROJECTION

DESIGN UNITS
Inch (metric)

SCALE 5:1 SIZE A4

GENERAL TOLERANCES (UNLESS SPECIFIED)

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'

APPROVE BY FRANK

CHECKED BY CHERRY

DRAWN BY KATE

DATE 01/JUN/16

DATE 01/JUN/16

DATE 01/JUN/16

PART NO. FPH200F1-DXXSXXXXXX

TITLE Board to Board(Pin Header)
Pitch 2.00mm 180° Vertical(DIP)

ITEM NO. FPH200F1

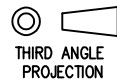



REV 0 SHEET NO. 2/4

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	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH200F1-D02SXXXXXXB	—	.079(2.00)	42	FPH200F1-D42SXXXXXXB	1.574(40.00)	1.654(42.00)
4	FPH200F1-D04SXXXXXXB	.079(2.00)	.157(4.00)	44	FPH200F1-D44SXXXXXXB	1.654(42.00)	1.732(44.00)
6	FPH200F1-D06SXXXXXXB	.157(4.00)	.236(6.00)	46	FPH200F1-D46SXXXXXXB	1.732(44.00)	1.811(46.00)
8	FPH200F1-D08SXXXXXXB	.236(6.00)	.315(8.00)	48	FPH200F1-D48SXXXXXXB	1.811(46.00)	1.890(48.00)
10	FPH200F1-D10SXXXXXXB	.315(8.00)	.394(10.00)	50	FPH200F1-D50SXXXXXXB	1.890(48.00)	1.969(50.00)
12	FPH200F1-D12SXXXXXXB	.394(10.00)	.472(12.00)	52	FPH200F1-D52SXXXXXXB	1.969(50.00)	2.047(52.00)
14	FPH200F1-D14SXXXXXXB	.472(12.00)	.551(14.00)	54	FPH200F1-D54SXXXXXXB	2.047(52.00)	2.126(54.00)
16	FPH200F1-D16SXXXXXXB	.551(14.00)	.630(16.00)	56	FPH200F1-D56SXXXXXXB	2.126(54.00)	2.205(56.00)
18	FPH200F1-D18SXXXXXXB	.630(16.00)	.709(18.00)	58	FPH200F1-D58SXXXXXXB	2.205(56.00)	2.283(58.00)
20	FPH200F1-D20SXXXXXXB	.709(18.00)	.787(20.00)	60	FPH200F1-D60SXXXXXXB	2.283(58.00)	2.362(60.00)
22	FPH200F1-D22SXXXXXXB	.787(20.00)	.866(22.00)	62	FPH200F1-D62SXXXXXXB	2.362(60.00)	2.441(62.00)
24	FPH200F1-D24SXXXXXXB	.866(22.00)	.945(24.00)	64	FPH200F1-D64SXXXXXXB	2.441(62.00)	2.520(64.00)
26	FPH200F1-D26SXXXXXXB	.945(24.00)	1.024(26.00)	66	FPH200F1-D66SXXXXXXB	2.520(64.00)	2.598(66.00)
28	FPH200F1-D28SXXXXXXB	1.024(26.00)	1.102(28.00)	68	FPH200F1-D68SXXXXXXB	2.598(66.00)	2.677(68.00)
30	FPH200F1-D30SXXXXXXB	1.102(28.00)	1.181(30.00)	70	FPH200F1-D70SXXXXXXB	2.677(68.00)	2.756(70.00)
32	FPH200F1-D32SXXXXXXB	1.181(30.00)	1.260(32.00)	72	FPH200F1-D72SXXXXXXB	2.756(70.00)	2.835(72.00)
34	FPH200F1-D34SXXXXXXB	1.260(32.00)	1.339(34.00)	74	FPH200F1-D74SXXXXXXB	2.835(72.00)	2.913(74.00)
36	FPH200F1-D36SXXXXXXB	1.339(34.00)	1.417(36.00)	76	FPH200F1-D76SXXXXXXB	2.913(74.00)	2.992(76.00)
38	FPH200F1-D38SXXXXXXB	1.417(36.00)	1.496(38.00)	78	FPH200F1-D78SXXXXXXB	2.992(76.00)	3.071(78.00)
40	FPH200F1-D40SXXXXXXB	1.496(38.00)	1.574(40.00)	80	FPH200F1-D80SXXXXXXB	3.071(78.00)	3.150(80.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUN/16	PART NO. FPH200F1-DXXSXXXXXXB	ITEM NO. FPH200F1	 Leader Of Industry		
	X.X±.012(0.30)	X'±5'	CHECKED BY CHERRY	DATE 01/JUN/16	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)			REV 0	SHEET NO. 4/4
	X.XX±.006(0.15)	.XX'±1'	DRAWN BY KATE	DATE 01/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.XXX±.004(0.10)	.XXX'±0.5'						