

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

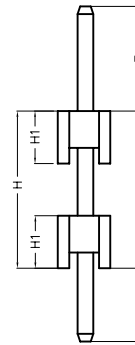
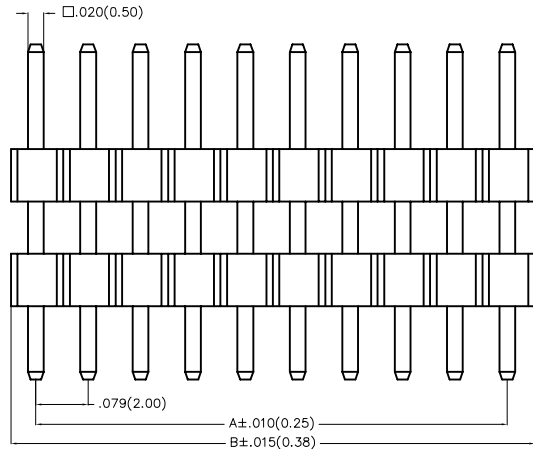
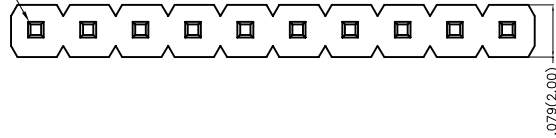
Electrical

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

Circuit No.1

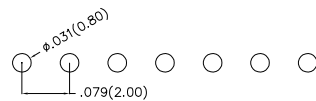


See Table1


Ordering Information

FPH 200 E1 - S 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. E1	4 Row Option S-Single 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
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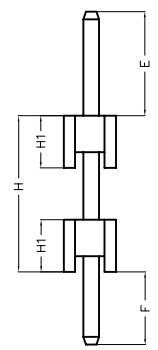
Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH200E1-SXXSXXXXXB	ITEM NO. FPH200E1	 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 2.00mm 180° Vertical(DIP)		
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		

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Table1

Serial number	Dimensions(in/mm)				Canceled Circuits	Note
	E	F	H	H1		
01	.106(2.68)	.106(2.68)	.230(5.84)	.079(2.00)	——	
02	.118(3.00)	.118(3.00)	.472(12.0)	.079(2.00)	——	
03	.118(3.00)	.118(3.00)	.118(4.00)	.079(2.00)	——	
04	.110(2.80)	.110(2.80)	.984(25.0)	.079(2.00)	——	
05	.118(3.00)	.118(3.00)	.728(18.50)	.079(2.00)	——	
06	.110(2.80)	.110(2.80)	.118(3.00)	.059(1.50)	——	
07	.118(3.00)	.118(3.00)	.260(6.60)	.079(2.00)	——	
08	.118(3.00)	.118(3.00)	.591(15.00)	.079(2.00)	——	
09	.157(4.00)	.157(4.00)	.551(14.00)	.079(2.00)	——	
10	.098(2.50)	.098(2.50)	.314(8.00)	.079(2.00)	——	
11	.157(4.00)	.110(2.80)	.283(7.60)	.079(2.00)	——	
12	.079(2.00)	.079(2.00)	.118(4.00)	.079(2.00)	——	
13	.079(2.00)	.079(2.00)	.236(6.00)	.079(2.00)	——	
14	.118(3.00)	.157(4.00)	.236(6.00)	.079(2.00)	——	
15	.110(2.80)	.110(2.80)	.248(6.30)	.079(2.00)	——	
16	.079(2.00)	.157(4.00)	.157(4.00)	.079(2.00)	——	
17	.079(2.00)	.079(2.00)	.197(5.00)	.079(2.00)	——	
18	.079(2.00)	.079(2.00)	.323(8.20)	.079(2.00)	——	
19	.126(3.20)	.118(3.00)	.327(8.30)	.079(2.00)	——	
20	.157(4.00)	.079(2.00)	.157(4.00)	.079(2.00)	——	
21	.394(10.00)	.157(4.00)	.276(7.00)	.079(2.00)	——	
22	.118(3.00)	.118(3.00)	.728(18.50)	.079(2.00)	No.2	Only 3Circuits
23	.394(10.00)	.157(4.00)	.276(7.00)	.079(2.00)	No.2	Only 3Circuits
24	.197(5.00)	.098(2.50)	.317(8.05)	.079(2.00)	——	
25	.079(2.00)	.079(2.00)	.118(3.00)	.059(1.50)	——	
26	.110(2.80)	.110(2.80)	.157(4.00)	.059(1.50)	——	
27	.098(2.50)	.098(2.50)	.453(11.50)	.079(2.00)	——	
28	.157(4.00)	.118(3.00)	.146(3.70)	.059(1.50)	——	



<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	FPH200E1-SXXSXXXXXXB	FPH200E1	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	25/JUN/13	REV 0	SHEET NO. 2/3	
SCALE 5:1	SIZE A4	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	
			JACOB	25/JUN/13			

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

B

C



D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH200E1-S01SXXXXXXB	—	.079(2.00)	21	FPH200E1-S21SXXXXXXB	1.574(40.00)	1.654(42.00)
2	FPH200E1-S02SXXXXXXB	.079(2.00)	.157(4.00)	22	FPH200E1-S22SXXXXXXB	1.654(42.00)	1.732(44.00)
3	FPH200E1-S03SXXXXXXB	.157(4.00)	.236(6.00)	23	FPH200E1-S23SXXXXXXB	1.732(44.00)	1.811(46.00)
4	FPH200E1-S04SXXXXXXB	.236(6.00)	.315(8.00)	24	FPH200E1-S24SXXXXXXB	1.811(46.00)	1.890(48.00)
5	FPH200E1-S05SXXXXXXB	.315(8.00)	.394(10.00)	25	FPH200E1-S25SXXXXXXB	1.890(48.00)	1.969(50.00)
6	FPH200E1-S06SXXXXXXB	.394(10.00)	.472(12.00)	26	FPH200E1-S26SXXXXXXB	1.969(50.00)	2.047(52.00)
7	FPH200E1-S07SXXXXXXB	.472(12.00)	.551(14.00)	27	FPH200E1-S27SXXXXXXB	2.047(52.00)	2.126(54.00)
8	FPH200E1-S08SXXXXXXB	.551(14.00)	.630(16.00)	28	FPH200E1-S28SXXXXXXB	2.126(54.00)	2.205(56.00)
9	FPH200E1-S09SXXXXXXB	.630(16.00)	.709(18.00)	29	FPH200E1-S29SXXXXXXB	2.205(56.00)	2.283(58.00)
10	FPH200E1-S10SXXXXXXB	.709(18.00)	.787(20.00)	30	FPH200E1-S30SXXXXXXB	2.283(58.00)	2.362(60.00)
11	FPH200E1-S11SXXXXXXB	.787(20.00)	.866(22.00)	31	FPH200E1-S31SXXXXXXB	2.362(60.00)	2.441(62.00)
12	FPH200E1-S12SXXXXXXB	.866(22.00)	.945(24.00)	32	FPH200E1-S32SXXXXXXB	2.441(62.00)	2.520(64.00)
13	FPH200E1-S13SXXXXXXB	.945(24.00)	1.024(26.00)	33	FPH200E1-S33SXXXXXXB	2.520(64.00)	2.598(66.00)
14	FPH200E1-S14SXXXXXXB	1.024(26.00)	1.102(28.00)	34	FPH200E1-S34SXXXXXXB	2.598(66.00)	2.677(68.00)
15	FPH200E1-S15SXXXXXXB	1.102(28.00)	1.181(30.00)	35	FPH200E1-S35SXXXXXXB	2.677(68.00)	2.756(70.00)
16	FPH200E1-S16SXXXXXXB	1.181(30.00)	1.260(32.00)	36	FPH200E1-S36SXXXXXXB	2.756(70.00)	2.835(72.00)
17	FPH200E1-S17SXXXXXXB	1.260(32.00)	1.339(34.00)	37	FPH200E1-S37SXXXXXXB	2.835(72.00)	2.913(74.00)
18	FPH200E1-S18SXXXXXXB	1.339(34.00)	1.417(36.00)	38	FPH200E1-S38SXXXXXXB	2.913(74.00)	2.992(76.00)
19	FPH200E1-S19SXXXXXXB	1.417(36.00)	1.496(38.00)	39	FPH200E1-S39SXXXXXXB	2.992(76.00)	3.071(78.00)
20	FPH200E1-S20SXXXXXXB	1.496(38.00)	1.574(40.00)	40	FPH200E1-S40SXXXXXXB	3.071(78.00)	3.150(80.00)

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	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)			REV 0	SHEET NO. 3/3
	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				
	X.XX±.006(0.15)	.XX'±1'							
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'						