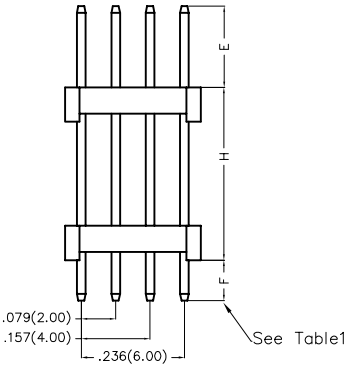
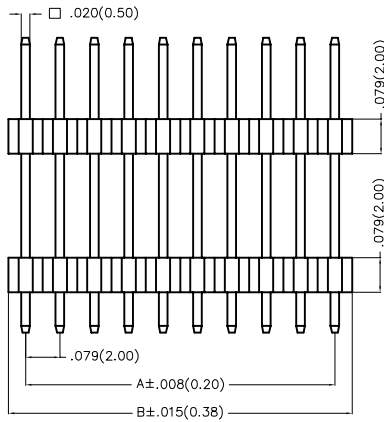
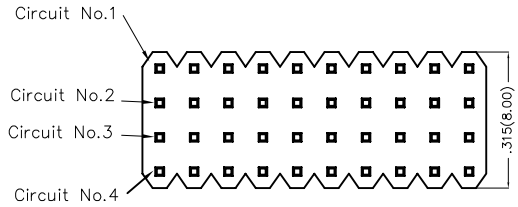


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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

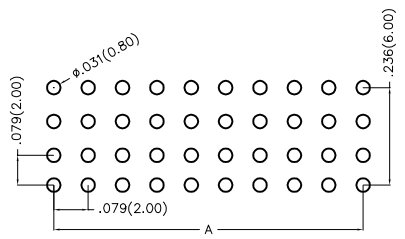
Material

- Housing: Glass Filled Polyester (UL 94V-0), Color: Black
- Pin: Brass
- Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area

Ordering Information

FPH 200 80 - F XX S X XX X XX XX XX B
 1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH—Pin Header	2 Series Number 200—Pitch2.00mm	3 Distinction No. 80	4 Row Option F—Four Rows	5 Circuits XX	6 Entry Angle S—180° Vertical	7 Plating 1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area
8 Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 E Size 01,02...—Serial number (See Table1)	11 F Size 01,02...—Serial number (See Table1)	12 H Size 01,02...—Serial number (See Table1)	13 Packaging B—PE Bag	



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/22	PART NO. FPH20080—FXSXXXXXXXXXB	ITEM NO. FPH20080	<p>Building Technology Cornerstone</p>
	X.±.012(0.30)	X.* ±5°	CHECKED BY GISELLE	DATE 30/JAN/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.X' ±2°	DRAWN BY MATT	DATE 30/JAN/22	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' ±1°				
		X.XXX±.004(0.10)	X.XXX' ±0.5°				

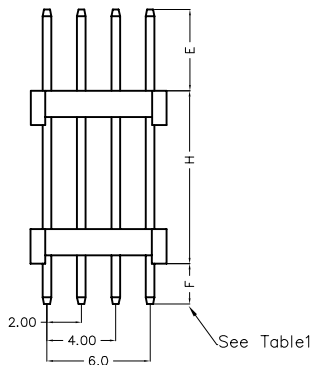
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm) E	Serial number	Dimensions (in/mm) E
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		



Serial number	Dimensions (in/mm) F	Serial number	Dimensions (in/mm) F
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		

Serial number	Dimensions (in/mm) H	Serial number	Dimensions (in/mm) H	Serial number	Dimensions (in/mm) H
03	.157(4.00)	21	.512(13.00)	39	.866(22.00)
04	.177(4.50)	22	.531(13.50)	40	.886(22.50)
05	.197(5.00)	23	.551(14.00)	41	.906(23.00)
06	.217(5.50)	24	.571(14.50)	42	.925(23.50)
07	.236(6.00)	25	.591(15.00)	43	.945(24.00)
08	.256(6.50)	26	.610(15.50)	44	.965(24.50)
09	.276(7.00)	27	.630(16.00)	45	.984(25.00)
10	.295(7.50)	28	.650(16.50)	46	1.004(25.50)
11	.315(8.00)	29	.669(17.00)	47	1.024(26.00)
12	.335(8.50)	30	.689(17.50)	48	1.043(26.50)
13	.354(9.00)	31	.709(18.00)	49	1.063(27.00)
14	.374(9.50)	32	.728(18.50)	50	1.083(27.50)
15	.394(10.00)	33	.748(19.00)	51	1.102(28.00)
16	.413(10.50)	34	.768(19.50)	52	1.122(28.50)
17	.433(11.00)	35	.787(20.00)	53	1.142(29.00)
18	.453(11.50)	36	.807(20.50)	54	1.161(29.50)
19	.472(12.00)	37	.827(21.00)	55	1.181(30.00)
20	.492(12.50)	38	.846(21.50)		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/22	PART NO. FPH20080-FXXSXXXXXXXXXXB	ITEM NO. FPH20080	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.* ±5°	CHECKED BY GISELLE	DATE 30/JAN/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
		X.XX±.008(0.20)	X.X* ±2°	DRAWN BY MATT	DATE 30/JAN/22	REV 0		SHEET NO. 2/3
		X.XX±.006(0.15)	X.XX* ±1°			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)	X.XXX* ±0.5°					

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
8	FPH20080-F08SXXXXXXXXXB	.079(2.00)	.157(4.00)	88	FPH20080-F88SXXXXXXXXXB	1.654(42.00)	1.732(44.00)
12	FPH20080-F12SXXXXXXXXXB	.157(4.00)	.236(6.00)	92	FPH20080-F92SXXXXXXXXXB	1.732(44.00)	1.811(46.00)
16	FPH20080-F16SXXXXXXXXXB	.236(6.00)	.315(8.00)	96	FPH20080-F96SXXXXXXXXXB	1.811(46.00)	1.890(48.00)
20	FPH20080-F20SXXXXXXXXXB	.315(8.00)	.394(10.00)	100	FPH20080-F100SXXXXXXXXXB	1.890(48.00)	1.969(50.00)
24	FPH20080-F24SXXXXXXXXXB	.394(10.00)	.472(12.00)	104	FPH20080-F104SXXXXXXXXXB	1.969(50.00)	2.047(52.00)
28	FPH20080-F28SXXXXXXXXXB	.472(12.00)	.551(14.00)	108	FPH20080-F108SXXXXXXXXXB	2.047(52.00)	2.126(54.00)
32	FPH20080-F32SXXXXXXXXXB	.551(14.00)	.630(16.00)	112	FPH20080-F112SXXXXXXXXXB	2.126(54.00)	2.205(56.00)
36	FPH20080-F36SXXXXXXXXXB	.630(16.00)	.709(18.00)	116	FPH20080-F116SXXXXXXXXXB	2.205(56.00)	2.283(58.00)
40	FPH20080-F40SXXXXXXXXXB	.709(18.00)	.787(20.00)	120	FPH20080-F120SXXXXXXXXXB	2.283(58.00)	2.362(60.00)
44	FPH20080-F44SXXXXXXXXXB	.787(20.00)	.866(22.00)	124	FPH20080-F124SXXXXXXXXXB	2.362(60.00)	2.441(62.00)
48	FPH20080-F48SXXXXXXXXXB	.866(22.00)	.945(24.00)	128	FPH20080-F128SXXXXXXXXXB	2.441(62.00)	2.520(64.00)
52	FPH20080-F52SXXXXXXXXXB	.945(24.00)	1.024(26.00)	132	FPH20080-F132SXXXXXXXXXB	2.520(64.00)	2.598(66.00)
56	FPH20080-F56SXXXXXXXXXB	1.024(26.00)	1.102(28.00)	136	FPH20080-F136SXXXXXXXXXB	2.598(66.00)	2.677(68.00)
60	FPH20080-F60SXXXXXXXXXB	1.102(28.00)	1.181(30.00)	140	FPH20080-F140SXXXXXXXXXB	2.677(68.00)	2.756(70.00)
64	FPH20080-F64SXXXXXXXXXB	1.181(30.00)	1.260(32.00)	144	FPH20080-F144SXXXXXXXXXB	2.756(70.00)	2.835(72.00)
68	FPH20080-F68SXXXXXXXXXB	1.260(32.00)	1.339(34.00)	148	FPH20080-F148SXXXXXXXXXB	2.835(72.00)	2.913(74.00)
72	FPH20080-F72SXXXXXXXXXB	1.339(34.00)	1.417(36.00)	152	FPH20080-F152SXXXXXXXXXB	2.913(74.00)	2.992(76.00)
76	FPH20080-F76SXXXXXXXXXB	1.417(36.00)	1.496(38.00)	156	FPH20080-F156SXXXXXXXXXB	2.992(76.00)	3.071(78.00)
80	FPH20080-F80SXXXXXXXXXB	1.496(38.00)	1.575(40.00)	160	FPH20080-F160SXXXXXXXXXB	3.071(78.00)	3.150(80.00)
84	FPH20080-F84SXXXXXXXXXB	1.575(40.00)	1.654(42.00)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/22	PART NO. FPH20080-FXXSXXXXXXXXXB	ITEM NO. FPH20080	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.* ±5°	CHECKED BY GISELLE	DATE 30/JAN/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)			REV 0 SHEET NO. 3/3
	SCALE 5:1	X.XX±.006(0.15) X.XX* ±1°	DRAWN BY MATT	DATE 30/JAN/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	SIZE A4	X.XXX±.004(0.10) X.XXX* ±0.5°						