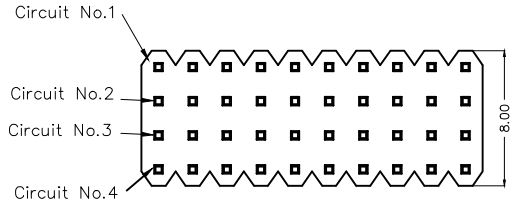


1 2 3 4 5 6 7 8

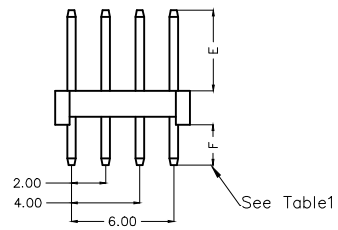
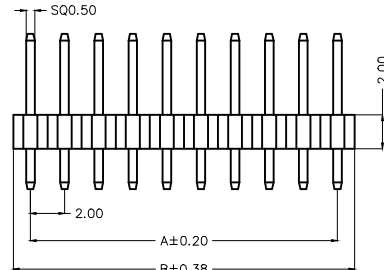
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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: 500V AC r.m.s
 Temperature Range—Operating: -40°C~+105°C

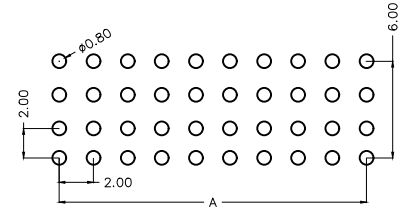
Material
 Housing: Glass Filled Polyester (UL 94V-0), Color: Black
 Pin: Brass
 Pin Plating: Gold Plated/Selective gold on contact area, tin on tail



Ordering Information

FPH 200 83 - F XX S X XX X XX XX 00 X
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FPH-Pin Header	2 Series Number 200-Pitch2.00mm	3 Distinction No. 83	4 Row Option F-Four Rows	5 Circuits XX	6 Entry Angle S-180° Vertical	7 Plating 1-Gold plated 3-Selective gold on contact area, tin on tail
8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 3-LCP 4-PA6T 5-PA9T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 Packaging B-PE Bag M-Reel(With Cap)		



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/AUG/22	PART NO. FPH20083-FXXSXXXXXXXXX00X	ITEM NO. FPH20083	<p>Building Technology Cornerstone</p>
	X.±0.30	X.±5°	CHECKED BY GISELLE	DATE 19/AUG/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		
DESIGN UNITS Metric	X.X±0.20	X.X±2°	DRAWN BY NICK	DATE 19/AUG/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±0.15	X.XX±1°				
		X.XXX±0.10	X.XX±0.5°				

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

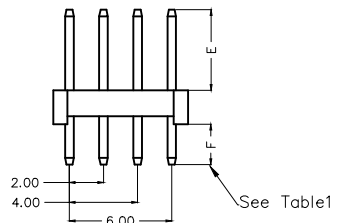
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

A

Serial number	Dimensions(mm) E	Serial numbe	Dimensions(mm) E
01	1.50	19	6.00
02	1.75	20	6.25
03	2.00	21	6.50
04	2.25	22	6.75
05	2.50	23	7.00
06	2.75	24	7.25
07	3.00	25	7.50
08	3.25	26	7.75
09	3.50	27	8.00
10	3.75	28	8.25
11	4.00	29	8.50
12	4.25	30	8.75
13	4.50	31	9.00
14	4.75	32	9.25
15	5.00	33	9.50
16	5.25	34	9.75
17	5.50	35	10.00
18	5.75		

Serial number	Dimensions(mm) F	Serial numbe	Dimensions(mm) F
01	1.50	19	6.00
02	1.75	20	6.25
03	2.00	21	6.50
04	2.25	22	6.75
05	2.50	23	7.00
06	2.75	24	7.25
07	3.00	25	7.50
08	3.25	26	7.75
09	3.50	27	8.00
10	3.75	28	8.25
11	4.00	29	8.50
12	4.25	30	8.75
13	4.50	31	9.00
14	4.75	32	9.25
15	5.00	33	9.50
16	5.25	34	9.75
17	5.50	35	10.00
18	5.75		



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>Building Technology Cornerstone</p>	
	X.±0.30	X.±5°	LEO	19/AUG/22	FPH20083-FXXSXXXXXXXXXX00X	FPH20083		
	X.X±0.20	.X'±2'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Metric	X.XX±0.15	.XX'±1'	GISELLE	19/AUG/22	Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		REV 0	SHEET NO. 2/3
SCALE 5:1	SIZE A4	X.XXX±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		
			NICK	19/AUG/22				

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(mm)		Circuits (n)	Part No.	Dimensions(mm)	
		A	B			A	B
8	FPH20083-F08SXXXXXXXX00X	2.00	4.00	88	FPH20083-F88SXXXXXXXX00X	42.00	44.00
12	FPH20083-F12SXXXXXXXX00X	4.00	6.00	92	FPH20083-F92SXXXXXXXX00X	44.00	46.00
16	FPH20083-F16SXXXXXXXX00X	6.00	8.00	96	FPH20083-F96SXXXXXXXX00X	46.00	48.00
20	FPH20083-F20SXXXXXXXX00X	8.00	10.00	100	FPH20083-F100SXXXXXXXX00X	48.00	50.00
24	FPH20083-F24SXXXXXXXX00X	10.00	12.00	104	FPH20083-F104SXXXXXXXX00X	50.00	52.00
28	FPH20083-F28SXXXXXXXX00X	12.00	14.00	108	FPH20083-F108SXXXXXXXX00X	52.00	54.00
32	FPH20083-F32SXXXXXXXX00X	14.00	16.00	112	FPH20083-F112SXXXXXXXX00X	54.00	56.00
36	FPH20083-F36SXXXXXXXX00X	16.00	18.00	116	FPH20083-F116SXXXXXXXX00X	56.00	58.00
40	FPH20083-F40SXXXXXXXX00X	18.00	20.00	120	FPH20083-F120SXXXXXXXX00X	58.00	60.00
44	FPH20083-F44SXXXXXXXX00X	20.00	22.00	124	FPH20083-F124SXXXXXXXX00X	60.00	62.00
48	FPH20083-F48SXXXXXXXX00X	22.00	24.00	128	FPH20083-F128SXXXXXXXX00X	62.00	64.00
52	FPH20083-F52SXXXXXXXX00X	24.00	26.00	132	FPH20083-F132SXXXXXXXX00X	64.00	66.00
56	FPH20083-F56SXXXXXXXX00X	26.00	28.00	136	FPH20083-F136SXXXXXXXX00X	66.00	68.00
60	FPH20083-F60SXXXXXXXX00X	28.00	30.00	140	FPH20083-F140SXXXXXXXX00X	68.00	70.00
64	FPH20083-F64SXXXXXXXX00X	30.00	32.00	144	FPH20083-F144SXXXXXXXX00X	70.00	72.00
68	FPH20083-F68SXXXXXXXX00X	32.00	34.00	148	FPH20083-F148SXXXXXXXX00X	72.00	74.00
72	FPH20083-F72SXXXXXXXX00X	34.00	36.00	152	FPH20083-F152SXXXXXXXX00X	74.00	76.00
76	FPH20083-F76SXXXXXXXX00X	36.00	38.00	156	FPH20083-F156SXXXXXXXX00X	76.00	78.00
80	FPH20083-F80SXXXXXXXX00X	38.00	40.00	160	FPH20083-F160SXXXXXXXX00X	78.00	80.00
84	FPH20083-F84SXXXXXXXX00X	40.00	42.00				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/AUG/22	PART NO. FPH20083-FXXSXXXXXXXX00X	ITEM NO. FPH20083	 Building Technology Cornerstone		
	X.±0.30	X.±5'	CHECKED BY GISELLE	DATE 19/AUG/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)			REV 0	SHEET NO. 3/3
	X.X±0.20	.X'±2'	DRAWN BY NICK	DATE 19/AUG/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±0.15	.XX'±1'	X.XXX±0.10	.XXX'±0.5'			

1 2 3 4 5 6 7 8