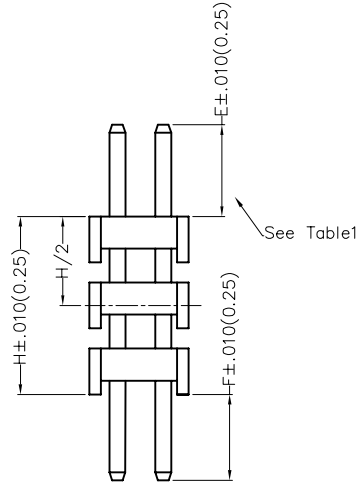
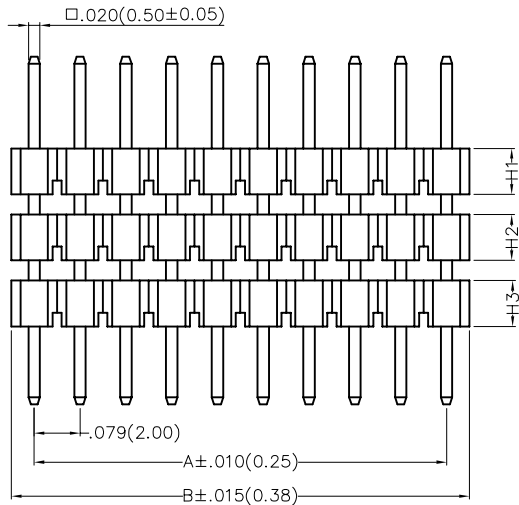
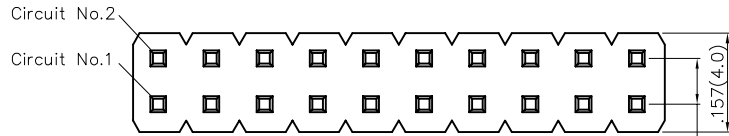


Dimensions(in/mm)	
H	H1+H2+H3
.217(5.50)	.059(1.50)+.079(2.00)+.079(2.00)
≥.236(6.00)	.079(2.00)+.079(2.00)+.079(2.00)



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

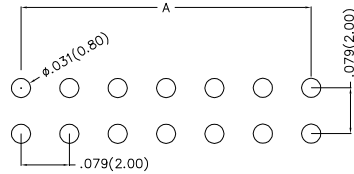
Material

Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated


Ordering Information

FPH 200 82 - D XX S X XX X XX XX XX B
1 2 3 4 5 6 7 8 9 10 11 12 13

1 <u>Category</u> FPH-Pin Header	2 <u>Series Number</u> 200-Pitch2.00mm	3 <u>Distinction No.</u> 82	4 <u>Row Option</u> D-Double Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> S-180° Vertical	7 <u>Plating</u> 1-Gold plated
8 <u>Thickness of Plating</u> 00-Gold Flash 01-1μ" Custom plate available	9 <u>Material-Resin</u> 1-PBT 4-PA6T	10 <u>E Size</u> 01,02...-Serial number (See Table1)	11 <u>F Size</u> 01,02...-Serial number (See Table1)	12 <u>H Size</u> 01,02...-Serial number (See Table1)	13 <u>Packaging</u> B-PE Bag	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/FEB/22	PART NO. FPH20082-DXXSXXXXXXXXXB	ITEM NO. FPH20082	 Building Technology Cornerstone
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' ,X'±2' ,XX'±1' ,XXX'±0.5'	CHECKED BY CHERRY	DATE 17/FEB/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)	
SCALE 5:1	SIZE A4	DRAWN BY MATT		DATE 17/FEB/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

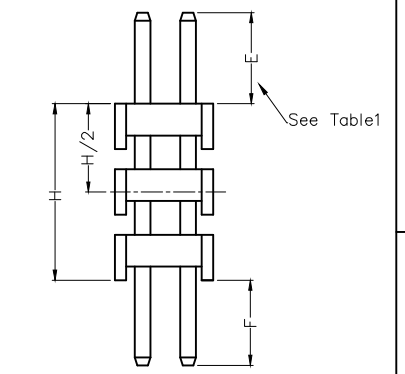
REV	LOCATIONS	DESCRIPTION	DATE	REVSER	APPD

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
01	.217(5.50)	19	.571(14.50)
02	.236(6.00)	20	.591(15.00)
03	.256(6.50)	21	.610(15.50)
04	.276(7.00)	22	.630(16.00)
05	.295(7.50)	23	.650(16.50)
06	.315(8.00)	24	.669(17.00)
07	.335(8.50)	25	.689(17.50)
08	.354(9.00)	26	.709(18.00)
09	.374(9.50)	27	.728(18.50)
10	.394(10.00)	28	.748(19.00)
11	.413(10.50)	29	.768(19.50)
12	.433(11.00)	30	.787(20.00)
13	.453(11.50)	31	.807(20.50)
14	.472(12.00)	32	.827(21.00)
15	.492(12.50)	33	.846(21.50)
16	.512(13.00)	34	.866(22.00)
17	.531(13.50)	35	.886(22.50)
18	.551(14.00)	36	.906(23.00)
		37	.926(23.50)
		57	1.319(33.50)





Pin length :
42mm Max

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/FEB/22	PART NO. FPH20082--DXSXXXXXXXXXB	ITEM NO. FPH20082	<p>Building Technology Cornerstone</p>	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 17/FEB/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		REV 0
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY MATT	DATE 17/FEB/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			X.XXX±.004(0.10)	.XXX±0.5'				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

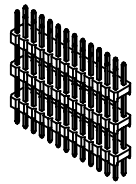
Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20082-D02SXXXXXXXXXB	—	.079(2.00)	42	FPH20082-D42SXXXXXXXXXB	1.574(40.00)	1.654(42.00)
4	FPH20082-D04SXXXXXXXXXB	.079(2.00)	.157(4.00)	44	FPH20082-D44SXXXXXXXXXB	1.654(42.00)	1.732(44.00)
6	FPH20082-D06SXXXXXXXXXB	.157(4.00)	.236(6.00)	46	FPH20082-D46SXXXXXXXXXB	1.732(44.00)	1.811(46.00)
8	FPH20082-D08SXXXXXXXXXB	.236(6.00)	.315(8.00)	48	FPH20082-D48SXXXXXXXXXB	1.811(46.00)	1.890(48.00)
10	FPH20082-D10SXXXXXXXXXB	.315(8.00)	.394(10.00)	50	FPH20082-D50SXXXXXXXXXB	1.890(48.00)	1.969(50.00)
12	FPH20082-D12SXXXXXXXXXB	.394(10.00)	.472(12.00)	52	FPH20082-D52SXXXXXXXXXB	1.969(50.00)	2.047(52.00)
14	FPH20082-D14SXXXXXXXXXB	.472(12.00)	.551(14.00)	54	FPH20082-D54SXXXXXXXXXB	2.047(52.00)	2.126(54.00)
16	FPH20082-D16SXXXXXXXXXB	.551(14.00)	.630(16.00)	56	FPH20082-D56SXXXXXXXXXB	2.126(54.00)	2.205(56.00)
18	FPH20082-D18SXXXXXXXXXB	.630(16.00)	.709(18.00)	58	FPH20082-D58SXXXXXXXXXB	2.205(56.00)	2.283(58.00)
20	FPH20082-D20SXXXXXXXXXB	.709(18.00)	.787(20.00)	60	FPH20082-D60SXXXXXXXXXB	2.283(58.00)	2.362(60.00)
22	FPH20082-D22SXXXXXXXXXB	.787(20.00)	.866(22.00)	62	FPH20082-D62SXXXXXXXXXB	2.362(60.00)	2.441(62.00)
24	FPH20082-D24SXXXXXXXXXB	.866(22.00)	.945(24.00)	64	FPH20082-D64SXXXXXXXXXB	2.441(62.00)	2.520(64.00)
26	FPH20082-D26SXXXXXXXXXB	.945(24.00)	1.024(26.00)	66	FPH20082-D66SXXXXXXXXXB	2.520(64.00)	2.598(66.00)
28	FPH20082-D28SXXXXXXXXXB	1.024(26.00)	1.102(28.00)	68	FPH20082-D68SXXXXXXXXXB	2.598(66.00)	2.677(68.00)
30	FPH20082-D30SXXXXXXXXXB	1.102(28.00)	1.181(30.00)	70	FPH20082-D70SXXXXXXXXXB	2.677(68.00)	2.756(70.00)
32	FPH20082-D32SXXXXXXXXXB	1.181(30.00)	1.260(32.00)	72	FPH20082-D72SXXXXXXXXXB	2.756(70.00)	2.835(72.00)
34	FPH20082-D34SXXXXXXXXXB	1.260(32.00)	1.339(34.00)	74	FPH20082-D74SXXXXXXXXXB	2.835(72.00)	2.913(74.00)
36	FPH20082-D36SXXXXXXXXXB	1.339(34.00)	1.417(36.00)	76	FPH20082-D76SXXXXXXXXXB	2.913(74.00)	2.992(76.00)
38	FPH20082-D38SXXXXXXXXXB	1.417(36.00)	1.496(38.00)	78	FPH20082-D78SXXXXXXXXXB	2.992(76.00)	3.071(78.00)
40	FPH20082-D40SXXXXXXXXXB	1.496(38.00)	1.574(40.00)	80	FPH20082-D80SXXXXXXXXXB	3.071(78.00)	3.150(80.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/FEB/22	PART NO. FPH20082-DXXSXXXXXXXXXB	ITEM NO. FPH20082	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X'±2" .XX'±1" .XXX'±0.5'	CHECKED BY CHERRY	DATE 17/FEB/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)		REV 0
SCALE 5:1	SIZE A4	DRAWN BY MATT		DATE 17/FEB/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

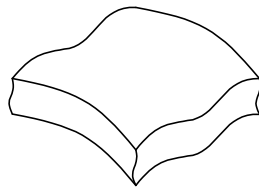
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

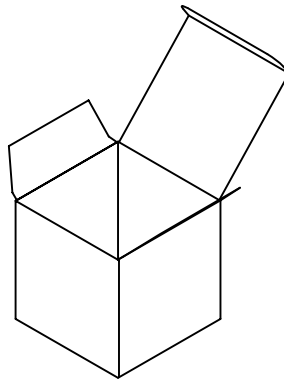
Pin Header



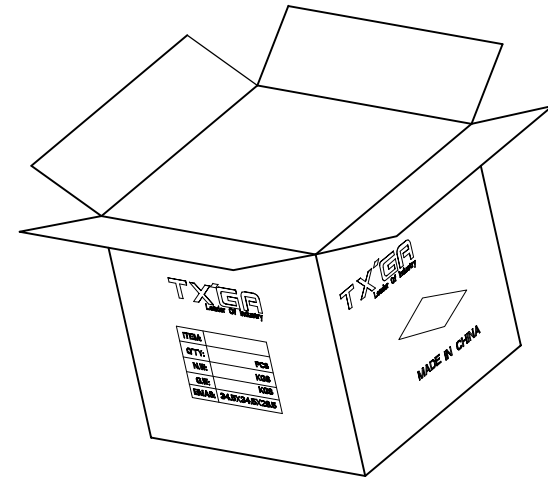
PE Bag



Drying agent/pcs



Inner box



Carton

A
B
C
D
E
F

A
B
C
D
E
F

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY FRANK</p>	<p>DATE 17/FEB/22</p>	<p>PART NO. FPH20082-DXXSXXXXXXXXXB</p>	<p>ITEM NO. FPH20082</p>	<p>Building Technology Cornerstone</p>
	<p>DESIGN UNITS Inch (metric)</p>	<p>X.±0.12(0.30)</p>	<p>X.±5'</p>	<p>CHECKED BY CHERRY</p>	<p>DATE 17/FEB/22</p>	<p>TITLE Packaging Specification</p>	
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX±.006(0.15)</p>	<p>.XX±1'</p>	<p>DRAWN BY MATT</p>	<p>DATE 17/FEB/22</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>	
		<p>X.XXX±.004(0.10)</p>	<p>.XXX±0.5'</p>			<p>REV 0</p>	<p>SHEET NO. 1/1</p>

1 2 3 4 5 6 7 8