

Dimensions(in./mm)		
H	H1+H2	K
.118(3.00)	.059(1.50)+.059(1.50)	.047(1.20)
.138(3.50)	.059(1.50)+.079(2.00)	.077(1.95)
≥.157(4.00)	.079(2.00)+.079(2.00)	.077(1.95)

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

A

B

C

D

E

F

A

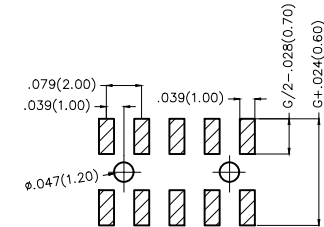
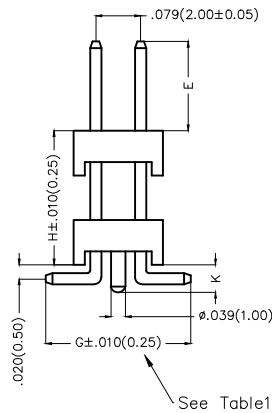
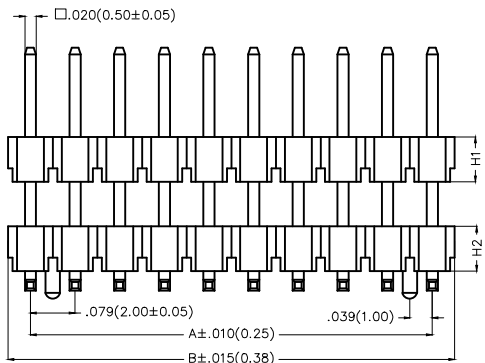
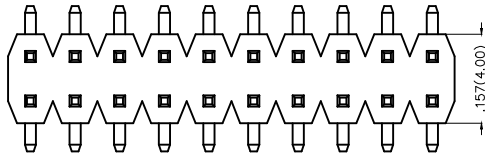
B

C

D

E

F



Recommended P.C.Board Layout

Ordering Information

FPH 200 72 — D XX S X XX 4 XX XX XX X
1 2 3 4 5 6 7 8 9 10 11 12 13

Category FPH—Pin Header	2 Series Number 200—Pitch 2.00mm	3 Distinction No. 72	4 Row Option D—Double Row	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 4—PA6T	10 E Size 01,02...—Serial number (See Table1)	11 G Size 01,02...—Serial number (See Table1)	12 H Size 01,02...—Serial number (See Table1)	13 Packaging M—Reel L—Tube	

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20072—DXXSXX4XXXXXX	ITEM NO. FPH20072	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)	
SCALE 5:1	SIZE A4	X.XX±.008(0.20)	X.'±2'	DRAWN BY ZOEY	DATE 23/DEC/19	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"			REV 0	SHEET NO. 1/3
		X.XXX±.004(0.10)	.XXX'±0.5'				

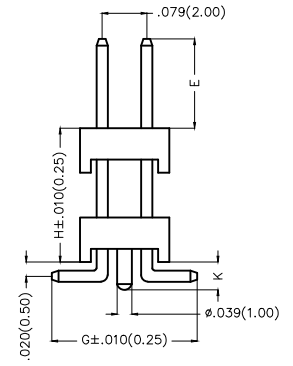
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A 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)	36	

Serial number	Dimensions (in/mm) G
05	.217(5.50)
06	.226(5.75)
07	.236(6.00)
08	.246(6.25)
09	.256(6.50)
10	.266(6.75)
11	.276(7.00)
12	.285(7.25)
13	.295(7.50)
14	.305(7.75)
15	.315(8.00)
16	.325(8.25)
17	.335(8.50)
18	.344(8.75)
19	.354(9.00)
20	.364(9.25)
21	.374(9.50)
22	.384(9.75)
23	.394(10.00)

Serial number	Dimensions (in/mm) H	Serial number	Dimensions (in/mm) H
01	.118(3.00)	19	.472(12.00)
02	.138(3.50)	20	.492(12.50)
03	.157(4.00)	21	.512(13.00)
04	.177(4.50)	22	.531(13.50)
05	.197(5.00)	23	.551(14.00)
06	.217(5.50)	24	.571(14.50)
07	.236(6.00)	25	.591(15.00)
08	.256(6.50)	26	.610(15.50)
09	.276(7.00)	27	.630(16.00)
10	.295(7.50)	28	.650(16.50)
11	.315(8.00)	29	.669(17.00)
12	.335(8.50)	30	.689(17.50)
13	.354(9.00)	31	.709(18.00)
14	.374(9.50)	32	.728(18.50)
15	.394(10.00)	33	.748(19.00)
16	.413(10.50)	34	.768(19.50)
17	.433(11.00)	35	.787(20.00)
18	.453(11.50)		



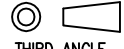

F

<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	23/DEC/19	FPH20072-DXXSXXX4XXXXXXX	FPH20072		
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.'±2'	CHECKED BY	DATE	TITLE		<p>Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)</p>
	SCALE	X.XX±.006(0.15)	.XX'±1'	CHERRY	23/DEC/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	REV 0		SHEET NO. 2/3	
5:1			ZOEY	23/DEC/19				

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH20072-D04SXXX4XXXXXXXX	.079(2.00)	.157(4.00)	44	FPH20072-D44SXXX4XXXXXXXX	1.654(42.00)	1.732(44.00)
6	FPH20072-D06SXXX4XXXXXXXX	.157(4.00)	.236(6.00)	46	FPH20072-D46SXXX4XXXXXXXX	1.732(44.00)	1.811(46.00)
8	FPH20072-D08SXXX4XXXXXXXX	.236(6.00)	.315(8.00)	48	FPH20072-D48SXXX4XXXXXXXX	1.811(46.00)	1.890(48.00)
10	FPH20072-D10SXXX4XXXXXXXX	.315(8.00)	.394(10.00)	50	FPH20072-D50SXXX4XXXXXXXX	1.890(48.00)	1.969(50.00)
12	FPH20072-D12SXXX4XXXXXXXX	.394(10.00)	.472(12.00)	52	FPH20072-D52SXXX4XXXXXXXX	1.969(50.00)	2.047(52.00)
14	FPH20072-D14SXXX4XXXXXXXX	.472(12.00)	.551(14.00)	54	FPH20072-D54SXXX4XXXXXXXX	2.047(52.00)	2.126(54.00)
16	FPH20072-D16SXXX4XXXXXXXX	.551(14.00)	.630(16.00)	56	FPH20072-D56SXXX4XXXXXXXX	2.126(54.00)	2.205(56.00)
18	FPH20072-D18SXXX4XXXXXXXX	.630(16.00)	.709(18.00)	58	FPH20072-D58SXXX4XXXXXXXX	2.205(56.00)	2.283(58.00)
20	FPH20072-D20SXXX4XXXXXXXX	.709(18.00)	.787(20.00)	60	FPH20072-D60SXXX4XXXXXXXX	2.283(58.00)	2.362(60.00)
22	FPH20072-D22SXXX4XXXXXXXX	.787(20.00)	.866(22.00)	62	FPH20072-D62SXXX4XXXXXXXX	2.362(60.00)	2.441(62.00)
24	FPH20072-D24SXXX4XXXXXXXX	.866(22.00)	.945(24.00)	64	FPH20072-D64SXXX4XXXXXXXX	2.441(62.00)	2.520(64.00)
26	FPH20072-D26SXXX4XXXXXXXX	.945(24.00)	1.024(26.00)	66	FPH20072-D66SXXX4XXXXXXXX	2.520(64.00)	2.598(66.00)
28	FPH20072-D28SXXX4XXXXXXXX	1.024(26.00)	1.102(28.00)	68	FPH20072-D68SXXX4XXXXXXXX	2.598(66.00)	2.677(68.00)
30	FPH20072-D30SXXX4XXXXXXXX	1.102(28.00)	1.181(30.00)	70	FPH20072-D70SXXX4XXXXXXXX	2.677(68.00)	2.756(70.00)
32	FPH20072-D32SXXX4XXXXXXXX	1.181(30.00)	1.260(32.00)	72	FPH20072-D72SXXX4XXXXXXXX	2.756(70.00)	2.835(72.00)
34	FPH20072-D34SXXX4XXXXXXXX	1.260(32.00)	1.339(34.00)	74	FPH20072-D74SXXX4XXXXXXXX	2.835(72.00)	2.913(74.00)
36	FPH20072-D36SXXX4XXXXXXXX	1.339(34.00)	1.417(36.00)	76	FPH20072-D76SXXX4XXXXXXXX	2.913(74.00)	2.992(76.00)
38	FPH20072-D38SXXX4XXXXXXXX	1.417(36.00)	1.496(38.00)	78	FPH20072-D78SXXX4XXXXXXXX	2.992(76.00)	3.071(78.00)
40	FPH20072-D40SXXX4XXXXXXXX	1.496(38.00)	1.574(40.00)	80	FPH20072-D80SXXX4XXXXXXXX	3.071(78.00)	3.150(80.00)
42	FPH20072-D42SXXX4XXXXXXXX	1.574(40.00)	1.654(42.00)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20072-DXXSXXX4XXXXXXXX	ITEM NO. FPH20072	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X:±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)		
		X.XX±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 23/DEC/19	REV 0		SHEET NO. 3/3
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.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		
		X.XXX±.004(0.10)	.XXX'±0.5'					

1 2 3 4 5 6 7 8