

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

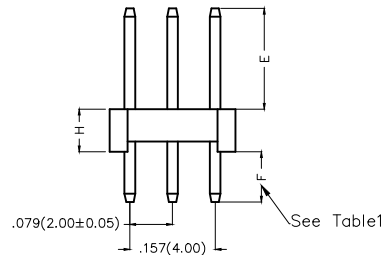
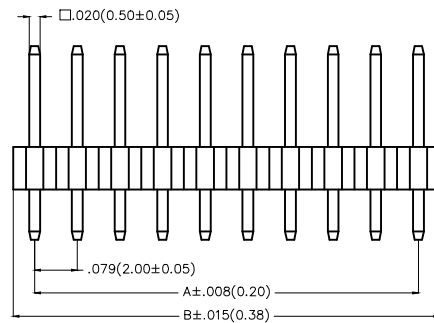
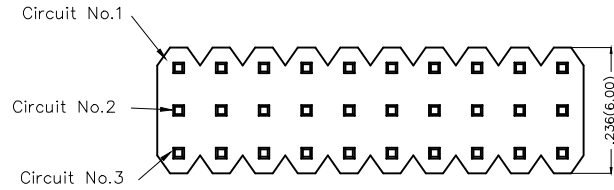
SPECIFICATIONS

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

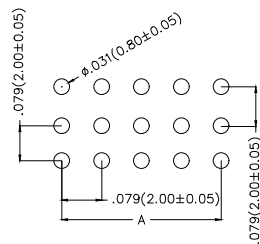
Housing: Glass Filled Polyester (UL 94V-0), Color: Black  
Pin: Brass  
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area




Ordering Information

FPH 200 50 - T XX S X XX X XX XX X 0 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. 50	4 Row Option T-Three 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 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 1,2...-Serial number (See Table1)	13 Packaging B-PE Bag	



Recommended P.C.Board Layout

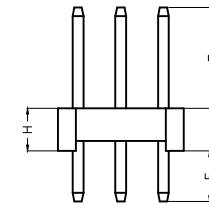
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20050-TXXSXXXXXXXXXX0B	ITEM NO. FPH20050	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.'±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)	
SCALE 5:1	SIZE A4	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		

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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
3	.079(2.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20050-TXXSXXXXXXXXX0B	ITEM NO. FPH20050	 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(DIP)		REV 0
	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	

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
12	FPH20050-T12SXXXXXXXXX0B	.236(6.00)	.315(8.00)	69	FPH20050-T69SXXXXXXXXX0B	1.732(44.00)	1.811(46.00)
15	FPH20050-T15SXXXXXXXXX0B	.315(8.00)	.394(10.00)	72	FPH20050-T72SXXXXXXXXX0B	1.811(46.00)	1.890(48.00)
18	FPH20050-T18SXXXXXXXXX0B	.394(10.00)	.472(12.00)	75	FPH20050-T75SXXXXXXXXX0B	1.890(48.00)	1.969(50.00)
21	FPH20050-T21SXXXXXXXXX0B	.472(12.00)	.551(14.00)	78	FPH20050-T78SXXXXXXXXX0B	1.969(50.00)	2.047(52.00)
24	FPH20050-T24SXXXXXXXXX0B	.551(14.00)	.630(16.00)	81	FPH20050-T81SXXXXXXXXX0B	2.047(52.00)	2.126(54.00)
27	FPH20050-T27SXXXXXXXXX0B	.630(16.00)	.709(18.00)	84	FPH20050-T84SXXXXXXXXX0B	2.126(54.00)	2.205(56.00)
30	FPH20050-T30SXXXXXXXXX0B	.709(18.00)	.787(20.00)	87	FPH20050-T87SXXXXXXXXX0B	2.205(56.00)	2.283(58.00)
33	FPH20050-T33SXXXXXXXXX0B	.787(20.00)	.866(22.00)	90	FPH20050-T90SXXXXXXXXX0B	2.283(58.00)	2.362(60.00)
36	FPH20050-T36SXXXXXXXXX0B	.866(22.00)	.945(24.00)	93	FPH20050-T93SXXXXXXXXX0B	2.362(60.00)	2.441(62.00)
39	FPH20050-T39SXXXXXXXXX0B	.945(24.00)	1.024(26.00)	96	FPH20050-T96SXXXXXXXXX0B	2.441(62.00)	2.520(64.00)
42	FPH20050-T42SXXXXXXXXX0B	1.024(26.00)	1.102(28.00)	99	FPH20050-T99SXXXXXXXXX0B	2.520(64.00)	2.598(66.00)
45	FPH20050-T45SXXXXXXXXX0B	1.102(28.00)	1.181(30.00)	102	FPH20050-T102SXXXXXXXXX0B	2.598(66.00)	2.677(68.00)
48	FPH20050-T48SXXXXXXXXX0B	1.181(30.00)	1.260(32.00)	105	FPH20050-T105SXXXXXXXXX0B	2.677(68.00)	2.756(70.00)
51	FPH20050-T51SXXXXXXXXX0B	1.260(32.00)	1.339(34.00)	108	FPH20050-T108SXXXXXXXXX0B	2.756(70.00)	2.835(72.00)
54	FPH20050-T54SXXXXXXXXX0B	1.339(34.00)	1.417(36.00)	111	FPH20050-T111SXXXXXXXXX0B	2.835(72.00)	2.913(74.00)
57	FPH20050-T57SXXXXXXXXX0B	1.417(36.00)	1.496(38.00)	114	FPH20050-T114SXXXXXXXXX0B	2.913(74.00)	2.992(76.00)
60	FPH20050-T60SXXXXXXXXX0B	1.496(38.00)	1.574(40.00)	117	FPH20050-T117SXXXXXXXXX0B	2.992(76.00)	3.071(78.00)
63	FPH20050-T63SXXXXXXXXX0B	1.574(40.00)	1.654(42.00)	120	FPH20050-T120SXXXXXXXXX0B	3.071(78.00)	3.150(80.00)
66	FPH20050-T66SXXXXXXXXX0B	1.654(42.00)	1.732(44.00)				

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	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)	REV 0		SHEET NO. 3/3
	DESIGN UNITS Inch (metric)	X.X±.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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	X.XXX±.004(0.10)	.XX±0.5'		