

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

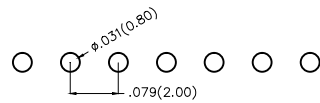
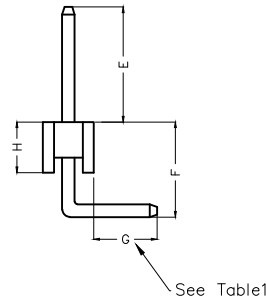
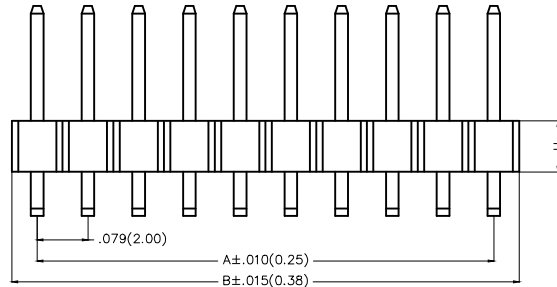
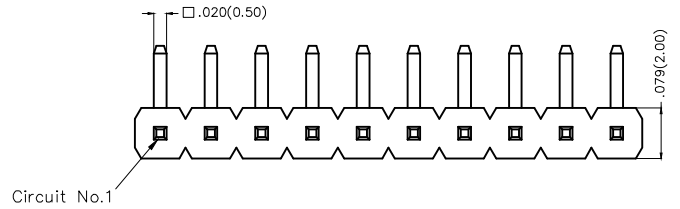
SPECIFICATIONS

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) ,Colour: Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail



Recommended P.C.Board Layout

Ordering Information

FPH 200 02 - S XX B X XX X XX B
 1 2 3 4 5 6 7 8 9 10 11

1 Category FPH-Pin Header	2 Series Number 200-Pitch2.00mm	3 Distinction No. 02	4 Row Option S-Single Row	5 Circuits XX	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging B-PE Bag	

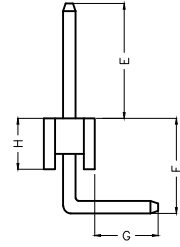
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH20002-SXXBXXXXXXB	ITEM NO. FPH20002	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5' .X'±2'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		REV 0
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX±1' .XXX±0.5'	DRAWN BY JACOB	DATE 25/JUN/13	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)				Canceled Circuits	Note
	E	F	G	H		
01	.157(4.00)	.130(3.30)	.112(2.85)	.079(2.00)	—	
02	.098(2.50)	.118(3.00)	.098(2.50)	.079(2.00)	—	
03	.098(2.50)	.106(2.70)	.098(2.50)	.079(2.00)	—	
04	.157(4.00)	.130(3.30)	.112(2.85)	.079(2.00)	No.2	Only 3Circuits
05	.110(2.8 ±0.2)	.134(3.40)	.039(1.00)	.079(2.00)	—	
06	.098(2.5 ±0.2)	.134(3.40)	.039(1.00)	.079(2.00)	—	
07	.118(3.00)	.130(3.30)	.114(2.90)	.079(2.00)	—	
08	.154(3.90)	.128(3.25)	.110(2.80)	.079(2.00)	—	
09	.118(3.00)	.130(3.30)	.112(2.85)	.079(2.00)	—	
10	.118(3.00)	.130(3.30)	.118(3.00)	.079(2.00)	—	
11	.067(1.70)	.128(3.25)	.110(2.80)	.079(2.00)	—	
12	.173(4.40)	.187(4.75)	.110(2.80)	.079(2.00)	—	

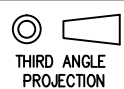



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>	
	X.±.012(0.30)	X.±5'	FRANK	25/JUN/13	FPH20002-SXXBXXXXXXB	FPH20002		
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 2/3
	X.XX±.006(0.15)	.XX±1'	CHERRY	25/JUN/13	Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)			
SCALE	SIZE	X.XXX±.004(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		
5:1	A4			JACOB	25/JUN/13			

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REV	LOCATIONS	DESCRIPTION	DATE	REVSER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH20002-S01BXXXXXXB	—	.079(2.00)	21	FPH20002-S21BXXXXXXB	1.574(40.00)	1.654(42.00)
2	FPH20002-S02BXXXXXXB	.079(2.00)	.157(4.00)	22	FPH20002-S22BXXXXXXB	1.654(42.00)	1.732(44.00)
3	FPH20002-S03BXXXXXXB	.157(4.00)	.236(6.00)	23	FPH20002-S23BXXXXXXB	1.732(44.00)	1.811(46.00)
4	FPH20002-S04BXXXXXXB	.236(6.00)	.315(8.00)	24	FPH20002-S24BXXXXXXB	1.811(46.00)	1.890(48.00)
5	FPH20002-S05BXXXXXXB	.315(8.00)	.394(10.00)	25	FPH20002-S25BXXXXXXB	1.890(48.00)	1.969(50.00)
6	FPH20002-S06BXXXXXXB	.394(10.00)	.472(12.00)	26	FPH20002-S26BXXXXXXB	1.969(50.00)	2.047(52.00)
7	FPH20002-S07BXXXXXXB	.472(12.00)	.551(14.00)	27	FPH20002-S27BXXXXXXB	2.047(52.00)	2.126(54.00)
8	FPH20002-S08BXXXXXXB	.551(14.00)	.630(16.00)	28	FPH20002-S28BXXXXXXB	2.126(54.00)	2.205(56.00)
9	FPH20002-S09BXXXXXXB	.630(16.00)	.709(18.00)	29	FPH20002-S29BXXXXXXB	2.205(56.00)	2.283(58.00)
10	FPH20002-S10BXXXXXXB	.709(18.00)	.787(20.00)	30	FPH20002-S30BXXXXXXB	2.283(58.00)	2.362(60.00)
11	FPH20002-S11BXXXXXXB	.787(20.00)	.866(22.00)	31	FPH20002-S31BXXXXXXB	2.362(60.00)	2.441(62.00)
12	FPH20002-S12BXXXXXXB	.866(22.00)	.945(24.00)	32	FPH20002-S32BXXXXXXB	2.441(62.00)	2.520(64.00)
13	FPH20002-S13BXXXXXXB	.945(24.00)	1.024(26.00)	33	FPH20002-S33BXXXXXXB	2.520(64.00)	2.598(66.00)
14	FPH20002-S14BXXXXXXB	1.024(26.00)	1.102(28.00)	34	FPH20002-S34BXXXXXXB	2.598(66.00)	2.677(68.00)
15	FPH20002-S15BXXXXXXB	1.102(28.00)	1.181(30.00)	35	FPH20002-S35BXXXXXXB	2.677(68.00)	2.756(70.00)
16	FPH20002-S16BXXXXXXB	1.181(30.00)	1.260(32.00)	36	FPH20002-S36BXXXXXXB	2.756(70.00)	2.835(72.00)
17	FPH20002-S17BXXXXXXB	1.260(32.00)	1.339(34.00)	37	FPH20002-S37BXXXXXXB	2.835(72.00)	2.913(74.00)
18	FPH20002-S18BXXXXXXB	1.339(34.00)	1.417(36.00)	38	FPH20002-S38BXXXXXXB	2.913(74.00)	2.992(76.00)
19	FPH20002-S19BXXXXXXB	1.417(36.00)	1.496(38.00)	39	FPH20002-S39BXXXXXXB	2.992(76.00)	3.071(78.00)
20	FPH20002-S20BXXXXXXB	1.496(38.00)	1.574(40.00)	40	FPH20002-S40BXXXXXXB	3.071(78.00)	3.150(80.00)

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	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 25/JUN/13	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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