

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

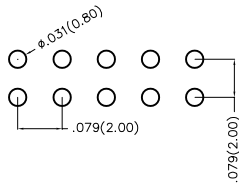
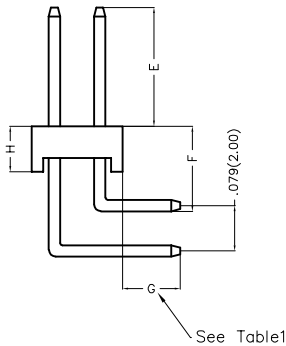
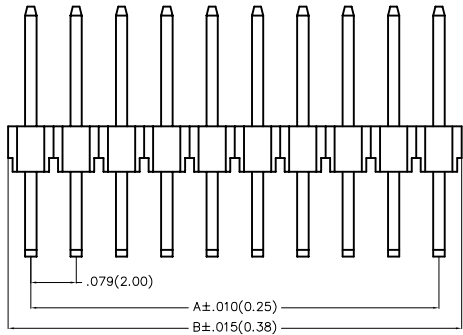
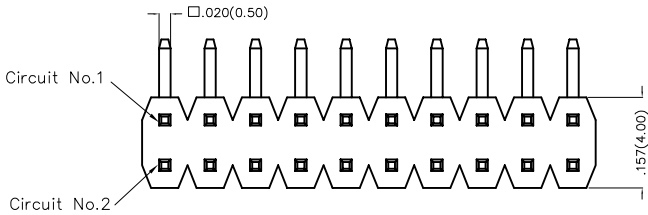
SPECIFICATIONS

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 in contact area, bright tin on tail



Recommended P.C.Board Layout

Ordering Information

FPH 200 22 - D XX B X XX X XX B
1 2 3 4 5 6 7 8 9 10 11

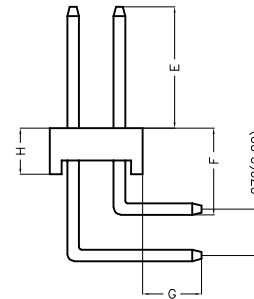
1 Category FPH-Pin Header	2 Series Number 200-Pitch2.00mm	3 Distinction No. 22	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle B-90° Angle	7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging B-PE Bag
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<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH20022-DXXBXXXXXB	ITEM NO. FPH20022	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		
DESIGN UNITS Inch (metric)	X.XX±.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		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.XX'±1'	X.XXX±.004(0.10)	X.XX'±0.5'		

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Table1

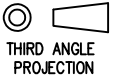

Serial number	Dimensions(in/mm)				Canceled Circuits	Note
	E	F	G	H		
01	.157(4.00)	.136(3.45)	.108(2.75)	.079(2.00)	——	
02	.197(5.00)	.128(3.25)	.110(2.80)	.079(2.00)	——	
03	.236(6.00)	.128(3.25)	.110(2.80)	.079(2.00)	——	
04	.169(4.30)	.128(3.25)	.110(2.80)	.079(2.00)	——	
05	.126(3.20)	.098(2.50)	.110(2.80)	.079(2.00)	——	
06	.197(5.00)	.128(3.25)	.126(3.20)	.079(2.00)	——	
07	.157(4.00)	.136(3.45)	.108(2.75)	.079(2.00)	No.3,4,7	Only 20Circuits
08	.157(4.00)	.136(3.45)	.126(3.20)	.079(2.00)	——	
09	.157(4.00)	.130(3.30)	.114(2.90)	.079(2.00)	——	
10	.394(10.0)	.136(3.45)	.110(2.80)	.079(2.00)	——	
11	.472(12.0)	.136(3.45)	.110(2.80)	.079(2.00)	——	
12	.689(17.5)	.136(3.45)	.110(2.80)	.079(2.00)	——	
13	.157(4.00)	.136(3.00)	.157(4.00)	.079(2.00)	——	



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	FRANK	25/JUN/13	FPH20022-DXXBXXXXXXB	FPH20022		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 2/3
SCALE	X.XX±.006(0.15)	.XX'±1'	CHERRY	25/JUN/13	Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)			
5:1	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			
SIZE A4			JACOB	25/JUN/13				

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20022-D02BXXXXXB	—	.079(2.00)	42	FPH20022-D42BXXXXXB	1.574(40.00)	1.654(42.00)
4	FPH20022-D04BXXXXXB	.079(2.00)	.157(4.00)	44	FPH20022-D44BXXXXXB	1.654(42.00)	1.732(44.00)
6	FPH20022-D06BXXXXXB	.157(4.00)	.236(6.00)	46	FPH20022-D46BXXXXXB	1.732(44.00)	1.811(46.00)
8	FPH20022-D08BXXXXXB	.236(6.00)	.315(8.00)	48	FPH20022-D48BXXXXXB	1.811(46.00)	1.890(48.00)
10	FPH20022-D10BXXXXXB	.315(8.00)	.394(10.00)	50	FPH20022-D50BXXXXXB	1.890(48.00)	1.969(50.00)
12	FPH20022-D12BXXXXXB	.394(10.00)	.472(12.00)	52	FPH20022-D52BXXXXXB	1.969(50.00)	2.047(52.00)
14	FPH20022-D14BXXXXXB	.472(12.00)	.551(14.00)	54	FPH20022-D54BXXXXXB	2.047(52.00)	2.126(54.00)
16	FPH20022-D16BXXXXXB	.551(14.00)	.630(16.00)	56	FPH20022-D56BXXXXXB	2.126(54.00)	2.205(56.00)
18	FPH20022-D18BXXXXXB	.630(16.00)	.709(18.00)	58	FPH20022-D58BXXXXXB	2.205(56.00)	2.283(58.00)
20	FPH20022-D20BXXXXXB	.709(18.00)	.787(20.00)	60	FPH20022-D60BXXXXXB	2.283(58.00)	2.362(60.00)
22	FPH20022-D22BXXXXXB	.787(20.00)	.866(22.00)	62	FPH20022-D62BXXXXXB	2.362(60.00)	2.441(62.00)
24	FPH20022-D24BXXXXXB	.866(22.00)	.945(24.00)	64	FPH20022-D64BXXXXXB	2.441(62.00)	2.520(64.00)
26	FPH20022-D26BXXXXXB	.945(24.00)	1.024(26.00)	66	FPH20022-D66BXXXXXB	2.520(64.00)	2.598(66.00)
28	FPH20022-D28BXXXXXB	1.024(26.00)	1.102(28.00)	68	FPH20022-D68BXXXXXB	2.598(66.00)	2.677(68.00)
30	FPH20022-D30BXXXXXB	1.102(28.00)	1.181(30.00)	70	FPH20022-D70BXXXXXB	2.677(68.00)	2.756(70.00)
32	FPH20022-D32BXXXXXB	1.181(30.00)	1.260(32.00)	72	FPH20022-D72BXXXXXB	2.756(70.00)	2.835(72.00)
34	FPH20022-D34BXXXXXB	1.260(32.00)	1.339(34.00)	74	FPH20022-D74BXXXXXB	2.835(72.00)	2.913(74.00)
36	FPH20022-D36BXXXXXB	1.339(34.00)	1.417(36.00)	76	FPH20022-D76BXXXXXB	2.913(74.00)	2.992(76.00)
38	FPH20022-D38BXXXXXB	1.417(36.00)	1.496(38.00)	78	FPH20022-D78BXXXXXB	2.992(76.00)	3.071(78.00)
40	FPH20022-D40BXXXXXB	1.496(38.00)	1.574(40.00)	80	FPH20022-D80BXXXXXB	3.071(78.00)	3.150(80.00)

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	X.XX±.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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