

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

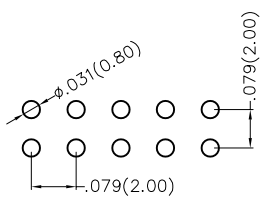
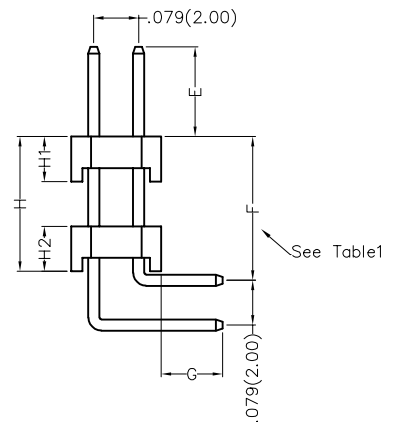
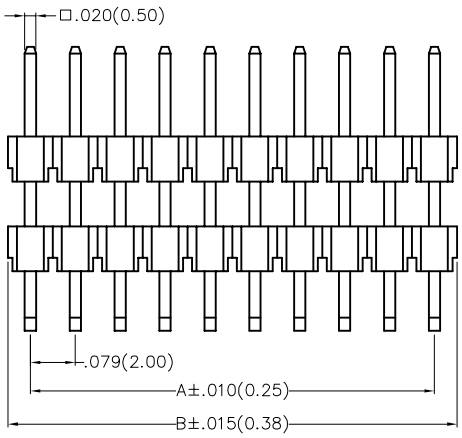
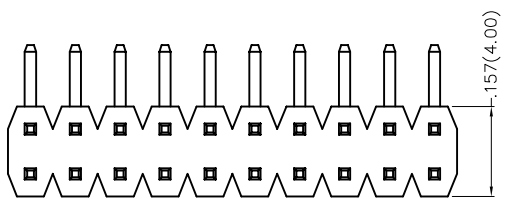
SPECIFICATIONS

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



Recommended P.C.Board Layout

Ordering Information



FPH 200 23 - 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. 23	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, 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 DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.±5' X.X±.008(0.20) .X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK CHECKED BY CHERRY DRAWN BY KATE	DATE 25/NOV/16 DATE 25/NOV/16 DATE 25/NOV/16	PART NO. FPH20023-DXXBXXXXXB TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)	ITEM NO. FPH20023	 Leader Of Industry REV 0 SHEET NO. 1/3	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
	4	5	6	7	8			

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20023-D02BXXXXXB	—	.079(2.00)	42	FPH20023-D42BXXXXXB	1.574(40.00)	1.654(42.00)
4	FPH20023-D04BXXXXXB	.079(2.00)	.157(4.00)	44	FPH20023-D44BXXXXXB	1.654(42.00)	1.732(44.00)
6	FPH20023-D06BXXXXXB	.157(4.00)	.236(6.00)	46	FPH20023-D46BXXXXXB	1.732(44.00)	1.811(46.00)
8	FPH20023-D08BXXXXXB	.236(6.00)	.315(8.00)	48	FPH20023-D48BXXXXXB	1.811(46.00)	1.890(48.00)
10	FPH20023-D10BXXXXXB	.315(8.00)	.394(10.00)	50	FPH20023-D50BXXXXXB	1.890(48.00)	1.969(50.00)
12	FPH20023-D12BXXXXXB	.394(10.00)	.472(12.00)	52	FPH20023-D52BXXXXXB	1.969(50.00)	2.047(52.00)
14	FPH20023-D14BXXXXXB	.472(12.00)	.551(14.00)	54	FPH20023-D54BXXXXXB	2.047(52.00)	2.126(54.00)
16	FPH20023-D16BXXXXXB	.551(14.00)	.630(16.00)	56	FPH20023-D56BXXXXXB	2.126(54.00)	2.205(56.00)
18	FPH20023-D18BXXXXXB	.630(16.00)	.709(18.00)	58	FPH20023-D58BXXXXXB	2.205(56.00)	2.283(58.00)
20	FPH20023-D20BXXXXXB	.709(18.00)	.787(20.00)	60	FPH20023-D60BXXXXXB	2.283(58.00)	2.362(60.00)
22	FPH20023-D22BXXXXXB	.787(20.00)	.866(22.00)	62	FPH20023-D62BXXXXXB	2.362(60.00)	2.441(62.00)
24	FPH20023-D24BXXXXXB	.866(22.00)	.945(24.00)	64	FPH20023-D64BXXXXXB	2.441(62.00)	2.520(64.00)
26	FPH20023-D26BXXXXXB	.945(24.00)	1.024(26.00)	66	FPH20023-D66BXXXXXB	2.520(64.00)	2.598(66.00)
28	FPH20023-D28BXXXXXB	1.024(26.00)	1.102(28.00)	68	FPH20023-D68BXXXXXB	2.598(66.00)	2.677(68.00)
30	FPH20023-D30BXXXXXB	1.102(28.00)	1.181(30.00)	70	FPH20023-D70BXXXXXB	2.677(68.00)	2.756(70.00)
32	FPH20023-D32BXXXXXB	1.181(30.00)	1.260(32.00)	72	FPH20023-D72BXXXXXB	2.756(70.00)	2.835(72.00)
34	FPH20023-D34BXXXXXB	1.260(32.00)	1.339(34.00)	74	FPH20023-D74BXXXXXB	2.835(72.00)	2.913(74.00)
36	FPH20023-D36BXXXXXB	1.339(34.00)	1.417(36.00)	76	FPH20023-D76BXXXXXB	2.913(74.00)	2.992(76.00)
38	FPH20023-D38BXXXXXB	1.417(36.00)	1.496(38.00)	78	FPH20023-D78BXXXXXB	2.992(76.00)	3.071(78.00)
40	FPH20023-D40BXXXXXB	1.496(38.00)	1.574(40.00)	80	FPH20023-D80BXXXXXB	3.071(78.00)	3.150(80.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/NOV/16	PART NO. FPH20023-DXXBXXXXXB	ITEM NO. FPH20023	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 25/NOV/16	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 25/NOV/16	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.XX±.004(0.10)	.XXX'±0.5'		