

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD

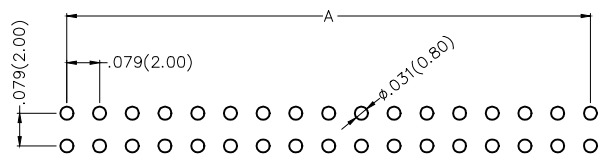
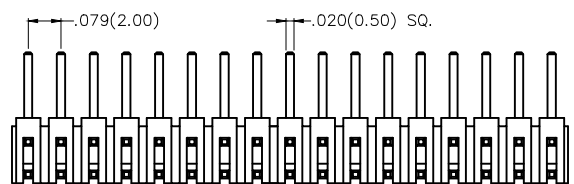
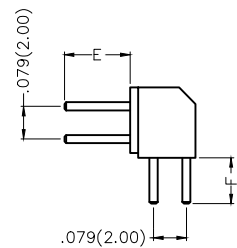
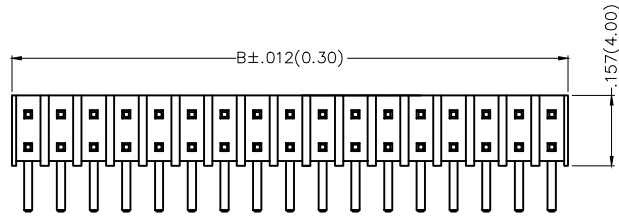
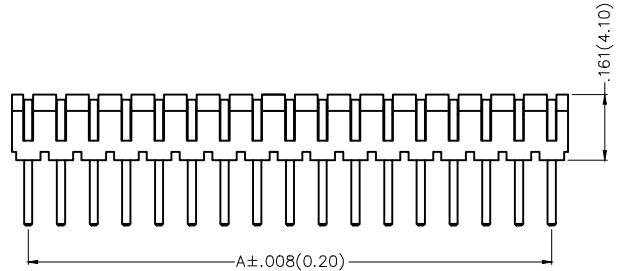
SPECIFICATIONS

Electrical

Current Rating: 3.0A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 5000 MΩ Min
Withstanding Voltage: 1000V AC r.m.s
Temperature Range—Operating: -40°C~+85°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
General Tolerances: ±0.05mm

Ordering Information

FPH 200 38 - D XX B X XX X XX B
1 2 3 4 5 6 7 8 9 10 11

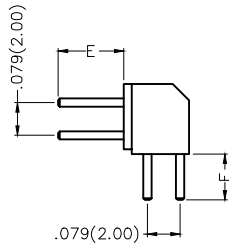
1 Category FPH—Pin Header	2 Series Number 200—Pitch2.00mm	3 Distinction No. 38	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold plated 3—Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 Pin Length(E) 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 06/MAR/17	PART NO. FPH20038-DXXBXXXXXB	ITEM NO. FPH20038	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 06/MAR/17	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 06/MAR/17	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	X.XXX±.004(0.10)	.XX'±0.5'						

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Table1



Serial number	Dimensions(in/mm)		Canceled Circuits	Note
	E	F		
01	.157(4.00)	.110(2.80)		
02				



THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 06/MAR/17	PART NO. FPH20038-DXXBXXXXXB	ITEM NO. FPH20038	 Leader Of Industry	
DESIGN UNITS Inch (metric)	X.X±.012(0.30) X.±5'		CHECKED BY CHERRY	DATE 06/MAR/17	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		REV 0 SHEET NO. 2/3		
	SCALE 5:1	SIZE A4			X.XX±.006(0.15) .XX±1'			DRAWN BY KATE	DATE 06/MAR/17
		X.XXX±.004(0.10) .XXX±0.5'							

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	FPH20038-D04BXXXXXXB	.079(2.00)	.157(4.00)	44	FPH20038-D44BXXXXXXB	1.654(42.00)	1.732(44.00)
6	FPH20038-D06BXXXXXXB	.157(4.00)	.236(6.00)	46	FPH20038-D46BXXXXXXB	1.732(44.00)	1.811(46.00)
8	FPH20038-D08BXXXXXXB	.236(6.00)	.315(8.00)	48	FPH20038-D48BXXXXXXB	1.811(46.00)	1.890(48.00)
10	FPH20038-D10BXXXXXXB	.315(8.00)	.394(10.00)	50	FPH20038-D50BXXXXXXB	1.890(48.00)	1.969(50.00)
12	FPH20038-D12BXXXXXXB	.394(10.00)	.472(12.00)	52	FPH20038-D52BXXXXXXB	1.969(50.00)	2.047(52.00)
14	FPH20038-D14BXXXXXXB	.472(12.00)	.551(14.00)	54	FPH20038-D54BXXXXXXB	2.047(52.00)	2.126(54.00)
16	FPH20038-D16BXXXXXXB	.551(14.00)	.630(16.00)	56	FPH20038-D56BXXXXXXB	2.126(54.00)	2.205(56.00)
18	FPH20038-D18BXXXXXXB	.630(16.00)	.709(18.00)	58	FPH20038-D58BXXXXXXB	2.205(56.00)	2.283(58.00)
20	FPH20038-D20BXXXXXXB	.709(18.00)	.787(20.00)	60	FPH20038-D60BXXXXXXB	2.283(58.00)	2.362(60.00)
22	FPH20038-D22BXXXXXXB	.787(20.00)	.866(22.00)	62	FPH20038-D62BXXXXXXB	2.362(60.00)	2.441(62.00)
24	FPH20038-D24BXXXXXXB	.866(22.00)	.945(24.00)	64	FPH20038-D64BXXXXXXB	2.441(62.00)	2.520(64.00)
26	FPH20038-D26BXXXXXXB	.945(24.00)	1.024(26.00)	66	FPH20038-D66BXXXXXXB	2.520(64.00)	2.598(66.00)
28	FPH20038-D28BXXXXXXB	1.024(26.00)	1.102(28.00)	68	FPH20038-D68BXXXXXXB	2.598(66.00)	2.677(68.00)
30	FPH20038-D30BXXXXXXB	1.102(28.00)	1.181(30.00)	70	FPH20038-D70BXXXXXXB	2.677(68.00)	2.756(70.00)
32	FPH20038-D32BXXXXXXB	1.181(30.00)	1.260(32.00)	72	FPH20038-D72BXXXXXXB	2.756(70.00)	2.835(72.00)
34	FPH20038-D34BXXXXXXB	1.260(32.00)	1.339(34.00)	74	FPH20038-D74BXXXXXXB	2.835(72.00)	2.913(74.00)
36	FPH20038-D36BXXXXXXB	1.339(34.00)	1.417(36.00)	76	FPH20038-D76BXXXXXXB	2.913(74.00)	2.992(76.00)
38	FPH20038-D38BXXXXXXB	1.417(36.00)	1.496(38.00)	78	FPH20038-D78BXXXXXXB	2.992(76.00)	3.071(78.00)
40	FPH20038-D40BXXXXXXB	1.496(38.00)	1.575(40.00)	80	FPH20038-D80BXXXXXXB	3.071(78.00)	3.150(80.00)
42	FPH20038-D42BXXXXXXB	1.575(40.00)	1.654(42.00)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X'.±5'	FRANK	06/MAR/17	FPH20038-DXXBXXXXXXB	FPH20038	
	X.X±.008(0.20)	X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX±1"	CHERRY	06/MAR/17	Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)	REV 0	
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XX'±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	
			KATE	06/MAR/17			