

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD

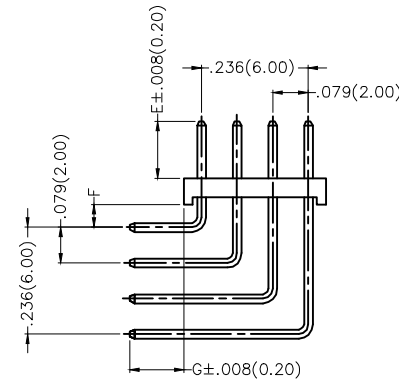
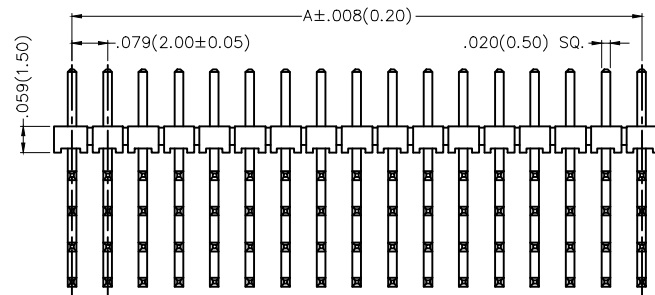
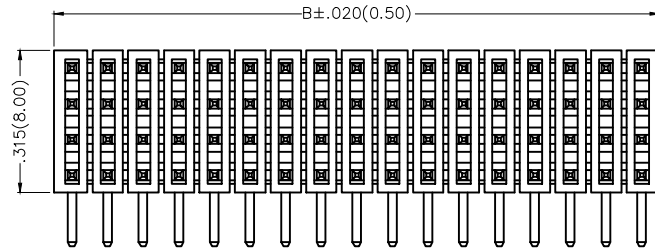
**SPECIFICATIONS**

**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**

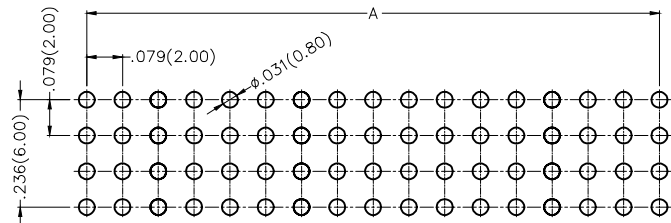
Housing: Glass Filled Polyester (UL 94V-0), Color: Black  
Pin: Brass  
Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail



**Ordering Information**

FPH 200 37 - E 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. 37	4   Row Option F-Four 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	





Recommended P.C.Board Layout  
General Tolerances: ±0.05mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JAN/17	PART NO. FPH20037-FXXBXXXXXB	ITEM NO. FPH20037	 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 01/JAN/17	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		REV 0
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 01/JAN/17	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)	
		A	B
8	FPH20037-F08BXXXXXB	.079(2.00)	.157(4.00)
12	FPH20037-F12BXXXXXB	.157(4.00)	.236(6.00)
16	FPH20037-F16BXXXXXB	.236(6.00)	.315(8.00)
20	FPH20037-F20BXXXXXB	.315(8.00)	.394(10.00)
24	FPH20037-F24BXXXXXB	.394(10.00)	.472(12.00)
28	FPH20037-F28BXXXXXB	.472(12.00)	.551(14.00)
32	FPH20037-F32BXXXXXB	.551(14.00)	.630(16.00)
36	FPH20037-F36BXXXXXB	.630(16.00)	.709(18.00)
40	FPH20037-F40BXXXXXB	.709(18.00)	.787(20.00)
44	FPH20037-F44BXXXXXB	.787(20.00)	.866(22.00)
48	FPH20037-F48BXXXXXB	.866(22.00)	.945(24.00)
52	FPH20037-F52BXXXXXB	.945(24.00)	1.024(26.00)
56	FPH20037-F56BXXXXXB	1.024(26.00)	1.102(28.00)
60	FPH20037-F60BXXXXXB	1.102(28.00)	1.181(30.00)
64	FPH20037-F64BXXXXXB	1.181(30.00)	1.260(32.00)
68	FPH20037-F68BXXXXXB	1.260(32.00)	1.339(34.00)
72	FPH20037-F72BXXXXXB	1.339(34.00)	1.417(36.00)
76	FPH20037-F76BXXXXXB	1.417(36.00)	1.496(38.00)
80	FPH20037-F80BXXXXXB	1.496(38.00)	1.575(40.00)

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	DESIGN UNITS Inch (metric)	$X \pm .012(0.30)$ $X.X \pm .008(0.20)$ $X.XX \pm .006(0.15)$ $X.XXX \pm .004(0.10)$	$X' \pm 5'$ $.X' \pm 2'$ $.XX' \pm 1'$ $.XXX' \pm 0.5'$	CHECKED BY CHERRY	DATE 01/JAN/17	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		REV 0
SCALE 5:1	SIZE A4	DRAWN BY KATE		DATE 01/JAN/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			