

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

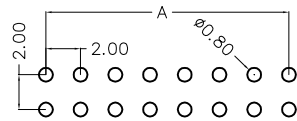
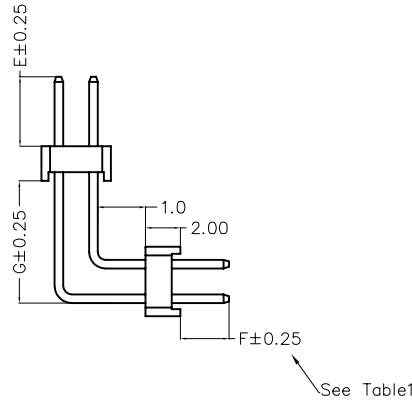
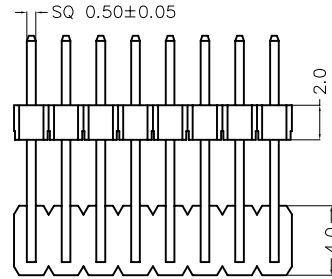
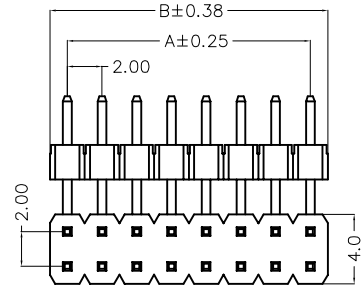
SPECIFICATIONS

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, tin on tail



Recommended P.C.Board Layout
 General tolerances: ±0.05

Ordering Information

FPH 200 76 - D XX B X XX X XX XX XX B
 1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH-Pin Header	2 Series Number 200-Pitch 2.00mm	3 Distinction No. 76	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
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8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 4-PA6T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 G Size 01,02...-Serial number (See Table1)	13 Packaging B-Bag
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 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 6:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.30 X.* ±5° X.X ±0.20 X.X* ±2° X.XX ±0.15 X.XX* ±1° X.XXX ±0.10 X.XXX* ±0.5°		APPROVE BY FRANK CHECKED BY CHERRY DRAWN BY MATT	DATE 09/AUG/21 DATE 09/AUG/21 DATE 09/AUG/21	PART NO. FPH20076-DXXBXXXXXXXXXB TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)	ITEM NO. FPH20076 REV 0 SHEET NO. 1/3	 Leader Of Industry	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

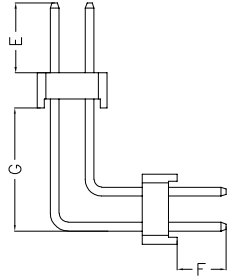
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimension (in/mm) E	Serial number	Dimensions (in/mm) E	Serial number	Dimensions (in/mm) F	Serial number	Dimensions (in/mm) F	Serial number	Dimensions (in/mm) G	Serial number	Dimensions (in/mm) G
01	1.50	19	6.00	01	1.50	19	6.00	10	3.75	28	8.25
02	1.75	20	6.25	02	1.75	20	6.25	11	4.00	29	8.50
03	2.00	21	6.50	03	2.00	21	6.50	12	4.25	30	8.75
04	2.25	22	6.75	04	2.25	22	6.75	13	4.50	31	9.00
05	2.50	23	7.00	05	2.50	23	7.00	14	4.75	32	9.25
06	2.75	24	7.25	06	2.75	24	7.25	15	5.00	33	9.50
07	3.00	25	7.50	07	3.00	25	7.50	16	5.25	34	9.75
08	3.25	26	7.75	08	3.25	26	7.75	17	5.50	35	10.00
09	3.50	27	8.00	09	3.50	27	8.00	18	5.75		
10	3.75	28	8.25	10	3.75	28	8.25	19	6.00		
11	4.00	29	8.50	11	4.00	29	8.50	20	6.25		
12	4.25	30	8.75	12	4.25	30	8.75	21	6.50		
13	4.50	31	9.00	13	4.50	31	9.00	22	6.75		
14	4.75	32	9.25	14	4.75	32	9.25	23	7.00		
15	5.00	33	9.50	15	5.00	33	9.50	24	7.25		
16	5.25	34	9.75	16	5.25	34	9.75	25	7.50		
17	5.50	35	10.00	17	5.50	35	10.00	26	7.75		
18	5.75			18	5.75			27	8.00		



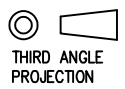

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>
	X. ±0.30	X.' ±5'	FRANK	09/AUG/21	FPH20076-DXXBXXXXXXXXXXB	FPH20076	
	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		
	X.XX ±0.15	X.XX' ±1'	CHERRY	09/AUG/21	Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		
SCALE	SIZE	X.XXX ±0.10	X.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	
6:1	A4			MATT	09/AUG/21	REV 0	SHEET NO. 2/3

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20076-D02BXXXXXXXXXXB	-	2.00	42	FPH20076-D42BXXXXXXXXXXB	40.00	42.00
4	FPH20076-D04BXXXXXXXXXXB	2.00	4.00	44	FPH20076-D44BXXXXXXXXXXB	42.00	44.00
6	FPH20076-D06BXXXXXXXXXXB	4.00	6.00	46	FPH20076-D46BXXXXXXXXXXB	44.00	46.00
8	FPH20076-D08BXXXXXXXXXXB	6.00	8.00	48	FPH20076-D48BXXXXXXXXXXB	46.00	48.00
10	FPH20076-D10BXXXXXXXXXXB	8.00	10.00	50	FPH20076-D50BXXXXXXXXXXB	48.00	50.00
12	FPH20076-D12BXXXXXXXXXXB	10.00	12.00	52	FPH20076-D52BXXXXXXXXXXB	50.00	52.00
14	FPH20076-D14BXXXXXXXXXXB	12.00	14.00	54	FPH20076-D54BXXXXXXXXXXB	52.00	54.00
16	FPH20076-D16BXXXXXXXXXXB	14.00	16.00	56	FPH20076-D56BXXXXXXXXXXB	54.00	56.00
18	FPH20076-D18BXXXXXXXXXXB	16.00	18.00	58	FPH20076-D58BXXXXXXXXXXB	56.00	58.00
20	FPH20076-D20BXXXXXXXXXXB	18.00	20.00	60	FPH20076-D60BXXXXXXXXXXB	58.00	60.00
22	FPH20076-D22BXXXXXXXXXXB	20.00	22.00	62	FPH20076-D62BXXXXXXXXXXB	60.00	62.00
24	FPH20076-D24BXXXXXXXXXXB	22.00	24.00	64	FPH20076-D64BXXXXXXXXXXB	62.00	64.00
26	FPH20076-D26BXXXXXXXXXXB	24.00	26.00	66	FPH20076-D66BXXXXXXXXXXB	64.00	66.00
28	FPH20076-D28BXXXXXXXXXXB	26.00	28.00	68	FPH20076-D68BXXXXXXXXXXB	66.00	68.00
30	FPH20076-D30BXXXXXXXXXXB	28.00	30.00	70	FPH20076-D70BXXXXXXXXXXB	68.00	70.00
32	FPH20076-D32BXXXXXXXXXXB	30.00	32.00	72	FPH20076-D72BXXXXXXXXXXB	70.00	72.00
34	FPH20076-D34BXXXXXXXXXXB	32.00	34.00	74	FPH20076-D74BXXXXXXXXXXB	72.00	74.00
36	FPH20076-D36BXXXXXXXXXXB	34.00	36.00	76	FPH20076-D76BXXXXXXXXXXB	74.00	76.00
38	FPH20076-D38BXXXXXXXXXXB	36.00	38.00	78	FPH20076-D78BXXXXXXXXXXB	76.00	78.00
40	FPH20076-D40BXXXXXXXXXXB	38.00	40.00	80	FPH20076-D80BXXXXXXXXXXB	78.00	80.00

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 09/AUG/21	PART NO. FPH20076-DXXBXXX4XXXXXXB	ITEM NO. FPH20076	 Leader Of Industry
	X. ±0.30	X.' ±5'	CHECKED BY CHERRY	DATE 09/AUG/21	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		
	X.X ±0.20	X.X' ±2'	DRAWN BY MATT	DATE 09/AUG/21	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XX ±0.15	X.XX' ±1'					
SCALE 6:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5'				

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