

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

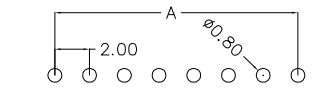
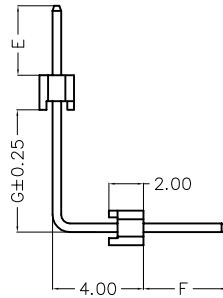
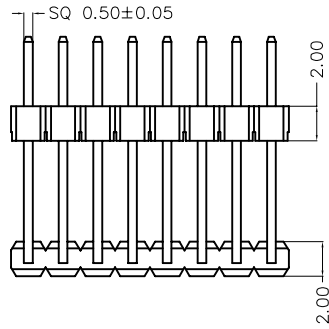
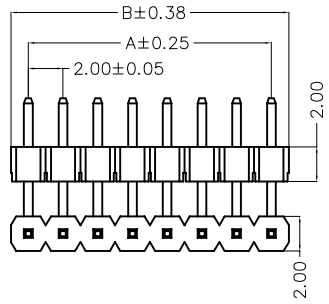
SPECIFICATIONS

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



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

Ordering Information

FPH 200 78 - S XX B 1 XX X 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-Pitch2.00mm	3 Distinction No. 78	4 Row Option S-Single Row	5 Circuits XX	6 Entry Angle B-90° Angle	7 Plating 1-Gold plated
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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	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/22	PART NO. FPH20078-SXXBXXXXXXXXXB	ITEM NO. FPH20078	 Leader Of Industry		
	DESIGN UNITS Metric	X. ±0.30	X.' ±5°	CHECKED BY CHERRY	DATE 19/JUL/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		REV 0	SHEET NO. 1/3
		SCALE 6:1	SIZE A4	X.XX ±0.15	X.XX' ±1°	DRAWN BY MATT		DATE 19/JUL/22	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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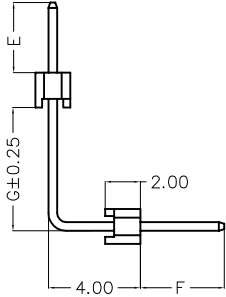
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

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

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

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



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/22	PART NO. FPH20078-SXXBXXXXXXXXXXB	ITEM NO. FPH20078	<p>Leader Of Industry</p>
	X.X ±0.30	X.* ±5°	CHECKED BY CHERRY	DATE 19/JUL/22	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)		
	X.XX ±0.20	X.X* ±2°	DRAWN BY MATT	DATE 19/JUL/22	REV 0	SHEET NO. 2/3	
	X.XX ±0.15	X.XX* ±1°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
SCALE 6:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°				

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B



C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20078-S02BXXXXXXXXXXB	2.00	4.00	22	FPH20078-S22BXXXXXXXXXXB	42.00	44.00
3	FPH20078-S03BXXXXXXXXXXB	4.00	6.00	23	FPH20078-S23BXXXXXXXXXXB	44.00	46.00
4	FPH20078-S04BXXXXXXXXXXB	6.00	8.00	24	FPH20078-S24BXXXXXXXXXXB	46.00	48.00
5	FPH20078-S05BXXXXXXXXXXB	8.00	10.00	25	FPH20078-S25BXXXXXXXXXXB	48.00	50.00
6	FPH20078-S06BXXXXXXXXXXB	10.00	12.00	26	FPH20078-S26BXXXXXXXXXXB	50.00	52.00
7	FPH20078-S07BXXXXXXXXXXB	12.00	14.00	27	FPH20078-S27BXXXXXXXXXXB	52.00	54.00
8	FPH20078-S08BXXXXXXXXXXB	14.00	16.00	28	FPH20078-S28BXXXXXXXXXXB	54.00	56.00
9	FPH20078-S09BXXXXXXXXXXB	16.00	18.00	29	FPH20078-S29BXXXXXXXXXXB	56.00	58.00
10	FPH20078-S010BXXXXXXXXXXB	18.00	20.00	30	FPH20078-S30BXXXXXXXXXXB	58.00	60.00
11	FPH20078-S11BXXXXXXXXXXB	20.00	22.00	31	FPH20078-S31BXXXXXXXXXXB	60.00	62.00
12	FPH20078-S12BXXXXXXXXXXB	22.00	24.00	32	FPH20078-S32BXXXXXXXXXXB	62.00	64.00
13	FPH20078-S13BXXXXXXXXXXB	24.00	26.00	33	FPH20078-S33BXXXXXXXXXXB	64.00	66.00
14	FPH20078-S14BXXXXXXXXXXB	26.00	28.00	34	FPH20078-S34BXXXXXXXXXXB	66.00	68.00
15	FPH20078-S15BXXXXXXXXXXB	28.00	30.00	35	FPH20078-S35BXXXXXXXXXXB	68.00	70.00
16	FPH20078-S16BXXXXXXXXXXB	30.00	32.00	36	FPH20078-S36BXXXXXXXXXXB	70.00	72.00
17	FPH20078-S17BXXXXXXXXXXB	32.00	34.00	37	FPH20078-S37BXXXXXXXXXXB	72.00	74.00
18	FPH20078-S18BXXXXXXXXXXB	34.00	36.00	38	FPH20078-S38BXXXXXXXXXXB	74.00	76.00
19	FPH20078-S19BXXXXXXXXXXB	36.00	38.00	39	FPH20078-S39BXXXXXXXXXXB	76.00	78.00
20	FPH20078-S20BXXXXXXXXXXB	38.00	40.00	40	FPH20078-S40BXXXXXXXXXXB	78.00	80.00
21	FPH20078-S21BXXXXXXXXXXB	40.00	42.00				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X. ±0.30	X.* ±5°	FRANK	19/JUL/22	FPH20078-SXXBXXXXXXXXXXB	FPH20078	
	X.X ±0.20	X.X* ±2°	CHECKED BY	DATE	TITLE		
	X.XX ±0.15	X.XX* ±1°	CHERRY	19/JUL/22	Board to Board(Pin Header) Pitch 2.00mm 90° Angle(DIP)	REV 0	
SCALE 6:1	SIZE A4	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	
				MATT	19/JUL/22		

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