

Dimensions(in./mm)	
H	F
.039(1.00)	.059(1.50)~.069(1.75)
.059(1.50)	.079(2.00)~.089(2.25)
.079(2.00)	≥.098(2.50)

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

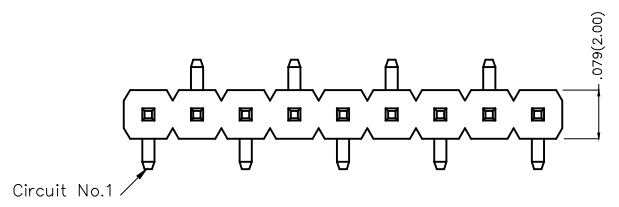
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area

A

A

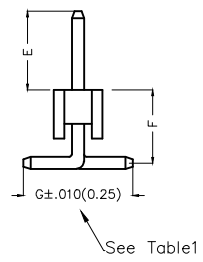
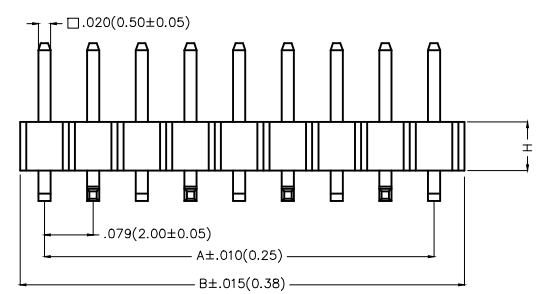
B

B



C

C



D

D

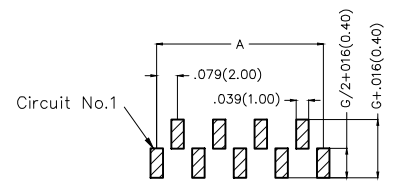
Ordering Information

FPH 200 66 - S XX S X XX 4 XX XX XX X
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. 66	4 Row Option S-Single Row	5 Circuits XX	6 Entry Angle S-180° Vertical	7 Plating 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area
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E

E



Recommended P.C.Board Layout

8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 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 M-Reel L-Tube
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F

F

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20066-SXXSXX4XXXXXX	ITEM NO. FPH20066	<p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)	
SCALE 5:1	SIZE A4	X.XX±.008(0.20)	X'±2'	DRAWN BY ZOEY	DATE 23/DEC/19	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±.006(0.15)	.XX'±1'			REV 0	SHEET NO. 1/3
		X.XXX±.004(0.10)	.XXX'±0.5'				

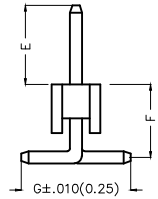
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm) E	Serial number	Dimensions (in/mm) E
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		

Serial number	Dimensions (in/mm) F	Serial number	Dimensions (in/mm) F
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		

Serial number	Dimensions (in/mm) G	Serial number	Dimensions (in/mm) G
03	.138(3.50)	17	.276(7.00)
04	.148(3.75)	18	.285(7.25)
05	.157(4.00)	19	.295(7.50)
06	.167(4.25)	20	.305(7.75)
07	.177(4.50)	21	.315(8.00)
08	.187(4.75)	22	.325(8.25)
09	.197(5.00)	23	.335(8.50)
10	.207(5.25)	24	.344(8.75)
11	.217(5.50)	25	.354(9.00)
12	.226(5.75)	26	.364(9.25)
13	.236(6.00)	27	.374(9.50)
14	.246(6.25)	28	.384(9.75)
15	.256(6.50)	29	.394(10.00)
16	.266(6.75)		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20066-SXXSXXX4XXXXXXX	ITEM NO. FPH20066	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)		REV 0
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY ZOEY	DATE 23/DEC/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20066-S02SXXX4XXXXXXXX	.079(2.00)	.157(4.00)	22	FPH20066-S22SXXX4XXXXXXXX	1.654(42.00)	1.732(44.00)
3	FPH20066-S03SXXX4XXXXXXXX	.157(4.00)	.236(6.00)	23	FPH20066-S23SXXX4XXXXXXXX	1.732(44.00)	1.811(46.00)
4	FPH20066-S04SXXX4XXXXXXXX	.236(6.00)	.315(8.00)	24	FPH20066-S24SXXX4XXXXXXXX	1.811(46.00)	1.890(48.00)
5	FPH20066-S05SXXX4XXXXXXXX	.315(8.00)	.394(10.00)	25	FPH20066-S25SXXX4XXXXXXXX	1.890(48.00)	1.969(50.00)
6	FPH20066-S06SXXX4XXXXXXXX	.394(10.00)	.472(12.00)	26	FPH20066-S26SXXX4XXXXXXXX	1.969(50.00)	2.047(52.00)
7	FPH20066-S07SXXX4XXXXXXXX	.472(12.00)	.551(14.00)	27	FPH20066-S27SXXX4XXXXXXXX	2.047(52.00)	2.126(54.00)
8	FPH20066-S08SXXX4XXXXXXXX	.551(14.00)	.630(16.00)	28	FPH20066-S28SXXX4XXXXXXXX	2.126(54.00)	2.205(56.00)
9	FPH20066-S09SXXX4XXXXXXXX	.630(16.00)	.709(18.00)	29	FPH20066-S29SXXX4XXXXXXXX	2.205(56.00)	2.283(58.00)
10	FPH20066-S10SXXX4XXXXXXXX	.709(18.00)	.787(20.00)	30	FPH20066-S30SXXX4XXXXXXXX	2.283(58.00)	2.362(60.00)
11	FPH20066-S11SXXX4XXXXXXXX	.787(20.00)	.866(22.00)	31	FPH20066-S31SXXX4XXXXXXXX	2.362(60.00)	2.441(62.00)
12	FPH20066-S12SXXX4XXXXXXXX	.866(22.00)	.945(24.00)	32	FPH20066-S32SXXX4XXXXXXXX	2.441(62.00)	2.520(64.00)
13	FPH20066-S13SXXX4XXXXXXXX	.945(24.00)	1.024(26.00)	33	FPH20066-S33SXXX4XXXXXXXX	2.520(64.00)	2.598(66.00)
14	FPH20066-S14SXXX4XXXXXXXX	1.024(26.00)	1.102(28.00)	34	FPH20066-S34SXXX4XXXXXXXX	2.598(66.00)	2.677(68.00)
15	FPH20066-S15SXXX4XXXXXXXX	1.102(28.00)	1.181(30.00)	35	FPH20066-S35SXXX4XXXXXXXX	2.677(68.00)	2.756(70.00)
16	FPH20066-S16SXXX4XXXXXXXX	1.181(30.00)	1.260(32.00)	36	FPH20066-S36SXXX4XXXXXXXX	2.756(70.00)	2.835(72.00)
17	FPH20066-S17SXXX4XXXXXXXX	1.260(32.00)	1.339(34.00)	37	FPH20066-S37SXXX4XXXXXXXX	2.835(72.00)	2.913(74.00)
18	FPH20066-S18SXXX4XXXXXXXX	1.339(34.00)	1.417(36.00)	38	FPH20066-S38SXXX4XXXXXXXX	2.913(74.00)	2.992(76.00)
19	FPH20066-S19SXXX4XXXXXXXX	1.417(36.00)	1.496(38.00)	39	FPH20066-S39SXXX4XXXXXXXX	2.992(76.00)	3.071(78.00)
20	FPH20066-S20SXXX4XXXXXXXX	1.496(38.00)	1.574(40.00)	40	FPH20066-S40SXXX4XXXXXXXX	3.071(78.00)	3.150(80.00)
21	FPH20066-S21SXXX4XXXXXXXX	1.574(40.00)	1.654(42.00)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20066-SXXSXXX4XXXXXXXX	ITEM NO. FPH20066	 Leader Of Industry	
	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)			REV 0
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 23/DEC/19	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'				

1 2 3 4 5 6 7 8