

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

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

Current Rating:1.0A AC(rms)/DC
Voltage Rating:250V AC(rms)/DC
Contact Resistance:20 mΩ Max
Insulation Resistance:1000 MΩ Min
Withstanding Voltage:300V AC r.m.s
Temperature Range-Operating:-40°C~+105°C

Material

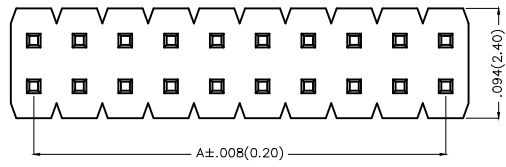
Housing:Glass Filled Polyester (UL 94V-0), Color: Black
Pin:Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area

A

A

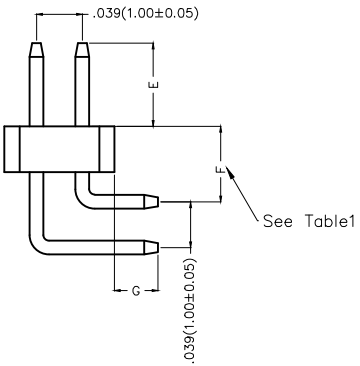
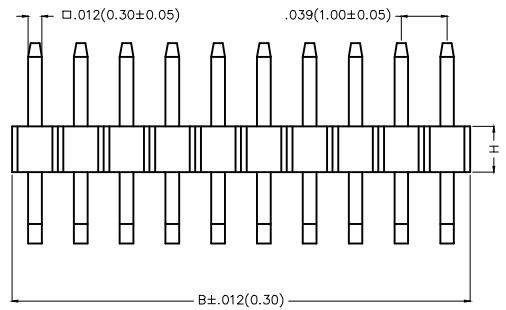
B

B



C

C



D

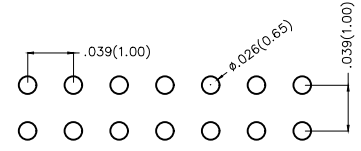
D

Ordering Information

FPH 1 100 28 - D XX B X XX 4 XX XX XX B
1 2 3 4 5 6 7 8 9 10 11 12 13

E

E



Recommended P.C.Board Layout

1 <u>Category</u> FPH-Pin Header	2 <u>Series Number</u> 100-Pitch1.00mm	3 <u>Distinction No.</u> 28	4 <u>Row Option</u> D-Double Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> B-90° Angle	7 <u>Plating</u> 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area
8 <u>Thickness of Plating</u> 01-1μ" 15-15μ" Custom plate available	9 <u>Material-Resin</u> 4-PA6T	10 <u>E Size</u> 01,02...-Serial number (See Table1)	11 <u>F Size</u> 01,02...-Serial number (See Table1)	12 <u>G Size</u> 01,02...-Serial number (See Table1)	13 <u>Packaging</u> B-PE Bag	

F

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10028-DXXBXXX4XXXXXXB	ITEM NO. FPH10028	 TXGA Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.'±5' .X'±2'	CHECKED BY CHERRY	DATE 26/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1" .XXX'±0.5'	DRAWN BY ZOEY	DATE 26/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	

REV 0 SHEET NO. 1/3

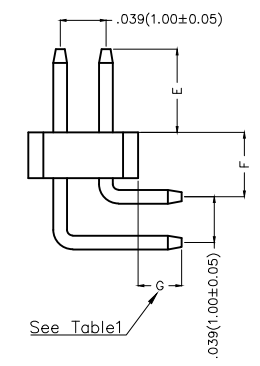
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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
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)		



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10028-DXXBXXX4XXXXXXB	ITEM NO. FPH10028	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 26/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(DIP)		REV 0
	SCALE 5:1	SIZE A4	X.XX±.008(0.20)	X'±2'	DRAWN BY ZOEY	DATE 26/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'				

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	FPH10028-D02BXXX4XXXXXXB	—	.039(1.00)	42	FPH10028-D42BXXX4XXXXXXB	.787(20.00)	.827(21.00)
4	FPH10028-D04BXXX4XXXXXXB	.039(1.00)	.079(2.00)	44	FPH10028-D44BXXX4XXXXXXB	.827(21.00)	.866(22.00)
6	FPH10028-D06BXXX4XXXXXXB	.079(2.00)	.118(3.00)	46	FPH10028-D46BXXX4XXXXXXB	.866(22.00)	.906(23.00)
8	FPH10028-D08BXXX4XXXXXXB	.118(3.00)	.157(4.00)	48	FPH10028-D48BXXX4XXXXXXB	.906(23.00)	.945(24.00)
10	FPH10028-D10BXXX4XXXXXXB	.157(4.00)	.197(5.00)	50	FPH10028-D50BXXX4XXXXXXB	.945(24.00)	.984(25.00)
12	FPH10028-D12BXXX4XXXXXXB	.197(5.00)	.236(6.00)	52	FPH10028-D22BXXX4XXXXXXB	.984(25.00)	1.024(26.00)
14	FPH10028-D14BXXX4XXXXXXB	.236(6.00)	.276(7.00)	54	FPH10028-D54BXXX4XXXXXXB	1.024(26.00)	1.063(27.00)
16	FPH10028-D16BXXX4XXXXXXB	.276(7.00)	.315(8.00)	56	FPH10028-D56BXXX4XXXXXXB	1.063(27.00)	1.102(28.00)
18	FPH10028-D18BXXX4XXXXXXB	.315(8.00)	.354(9.00)	58	FPH10028-D58BXXX4XXXXXXB	1.102(28.00)	1.142(29.00)
20	FPH10028-D20BXXX4XXXXXXB	.354(9.00)	.394(10.00)	60	FPH10028-D60BXXX4XXXXXXB	1.142(29.00)	1.181(30.00)
22	FPH10028-D22BXXX4XXXXXXB	.394(10.00)	.443(11.00)	62	FPH10028-D62BXXX4XXXXXXB	1.181(30.00)	1.220(31.00)
24	FPH10028-D24BXXX4XXXXXXB	.443(11.00)	.472(12.00)	64	FPH10028-D64BXXX4XXXXXXB	1.220(31.00)	1.260(32.00)
26	FPH10028-D26BXXX4XXXXXXB	.472(12.00)	.512(13.00)	66	FPH10028-D66BXXX4XXXXXXB	1.260(32.00)	1.130(33.00)
28	FPH10028-D28BXXX4XXXXXXB	.512(13.00)	.551(14.00)	68	FPH10028-D68BXXX4XXXXXXB	1.130(33.00)	1.339(34.00)
30	FPH10028-D30BXXX4XXXXXXB	.551(14.00)	.591(15.00)	70	FPH10028-D70BXXX4XXXXXXB	1.339(34.00)	1.379(35.00)
32	FPH10028-D32BXXX4XXXXXXB	.591(15.00)	.630(16.00)	72	FPH10028-D72BXXX4XXXXXXB	1.379(35.00)	1.417(36.00)
34	FPH10028-D34BXXX4XXXXXXB	.630(16.00)	.669(17.00)	74	FPH10028-D74BXXX4XXXXXXB	1.417(36.00)	1.457(37.00)
36	FPH10028-D36BXXX4XXXXXXB	.669(17.00)	.709(18.00)	76	FPH10028-D76BXXX4XXXXXXB	1.457(37.00)	1.497(38.00)
38	FPH10028-D38BXXX4XXXXXXB	.709(18.00)	.748(19.00)	78	FPH10028-D78BXXX4XXXXXXB	1.497(38.00)	1.535(39.00)
40	FPH10028-D40BXXX4XXXXXXB	.748(19.00)	.787(20.00)	80	FPH10028-D80BXXX4XXXXXXB	1.535(39.00)	1.575(40.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/DEC/19	PART NO. FPH10028-DXXBXXX4XXXXXXB	ITEM NO. FPH10028	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 26/DEC/19	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 26/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'	X.XXX±.004(0.10)	.XXX'±0.5'		

1 2 3 4 5 6 7 8