

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

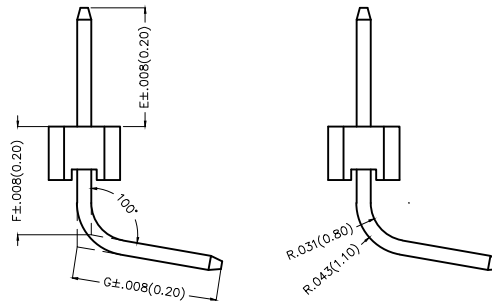
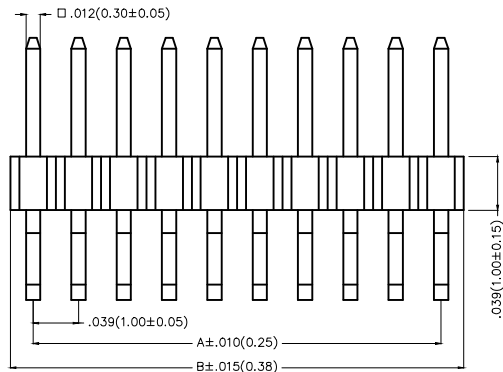
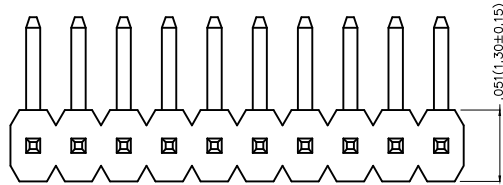
SPECIFICATIONS

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: -50°C~+90°C

Material

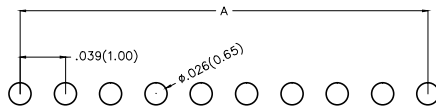
Housing: PA6T (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold in contact area, tin on tail



Ordering Information

FPH 100 22 — S XX B X XX 4 XX B
1 2 3 4 5 6 7 8 9 10 11

1 Category FPH—Pin Header	2 Series Number 100—Pitch1.00mm	3 Distinction No. 22	4 Row Option S—Single Row	5 Circuits XX	6 Entry Angle B—100° Angle
7 Plating 1—Gold plated 3—Selective gold in contact area, tin on tail	8 Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 4—PA6T	10 Size 01,02... —Serial number (See Table1) Custom length available	11 Packaging B—PE Bag	





Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/SEP/18	PART NO. FPH10022-SXXBXXX4XXB	ITEM NO. FPH10022	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.X±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 21/SEP/18	TITLE Board to Board(Pin Header) Pitch 1.00mm 100° Angle(DIP)		REV 0 SHEET NO. 1/3
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1°	DRAWN BY KATE	DATE 21/SEP/18	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)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH10022-S01BXXX4XXB	—	.039(1.00)	21	FPH10022-S21BXXX4XXB	.787(20.00)	.827(21.00)
2	FPH10022-S02BXXX4XXB	.039(1.00)	.079(2.00)	22	FPH10022-S22BXXX4XXB	.827(21.00)	.866(22.00)
3	FPH10022-S03BXXX4XXB	.079(2.00)	.118(3.00)	23	FPH10022-S23BXXX4XXB	.866(22.00)	.906(23.00)
4	FPH10022-S04BXXX4XXB	.118(3.00)	.157(4.00)	24	FPH10022-S24BXXX4XXB	.906(23.00)	.945(24.00)
5	FPH10022-S05BXXX4XXB	.157(4.00)	.197(5.00)	25	FPH10022-S25BXXX4XXB	.945(24.00)	.984(25.00)
6	FPH10022-S06BXXX4XXB	.197(5.00)	.236(6.00)	26	FPH10022-S26BXXX4XXB	.984(25.00)	1.024(26.00)
7	FPH10022-S07BXXX4XXB	.236(6.00)	.276(7.00)	27	FPH10022-S27BXXX4XXB	1.024(26.00)	1.063(27.00)
8	FPH10022-S08BXXX4XXB	.276(7.00)	.315(8.00)	28	FPH10022-S28BXXX4XXB	1.063(27.00)	1.102(28.00)
9	FPH10022-S09BXXX4XXB	.315(8.00)	.354(9.00)	29	FPH10022-S29BXXX4XXB	1.102(28.00)	1.142(29.00)
10	FPH10022-S10BXXX4XXB	.354(9.00)	.394(10.00)	30	FPH10022-S30BXXX4XXB	1.142(29.00)	1.181(30.00)
11	FPH10022-S11BXXX4XXB	.394(10.00)	.443(11.00)	31	FPH10022-S31BXXX4XXB	1.181(30.00)	1.220(31.00)
12	FPH10022-S12BXXX4XXB	.443(11.00)	.472(12.00)	32	FPH10022-S32BXXX4XXB	1.220(31.00)	1.260(32.00)
13	FPH10022-S13BXXX4XXB	.472(12.00)	.512(13.00)	33	FPH10022-S33BXXX4XXB	1.260(32.00)	1.130(33.00)
14	FPH10022-S14BXXX4XXB	.512(13.00)	.551(14.00)	34	FPH10022-S34BXXX4XXB	1.130(33.00)	1.339(34.00)
15	FPH10022-S15BXXX4XXB	.551(14.00)	.591(15.00)	35	FPH10022-S35BXXX4XXB	1.339(34.00)	1.379(35.00)
16	FPH10022-S16BXXX4XXB	.591(15.00)	.630(16.00)	36	FPH10022-S36BXXX4XXB	1.379(35.00)	1.417(36.00)
17	FPH10022-S17BXXX4XXB	.630(16.00)	.669(17.00)	37	FPH10022-S37BXXX4XXB	1.417(36.00)	1.457(37.00)
18	FPH10022-S18BXXX4XXB	.669(17.00)	.709(18.00)	38	FPH10022-S38BXXX4XXB	1.457(37.00)	1.497(38.00)
19	FPH10022-S19BXXX4XXB	.709(18.00)	.748(19.00)	39	FPH10022-S39BXXX4XXB	1.497(38.00)	1.535(39.00)
20	FPH10022-S20BXXX4XXB	.748(19.00)	.787(20.00)	40	FPH10022-S40BXXX4XXB	1.535(39.00)	1.575(40.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/SEP/18	PART NO. FPH10022-SXXBXXX4XXB	ITEM NO. FPH10022	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 21/SEP/18	TITLE Board to Board(Pin Header) Pitch 1.00mm 100° Angle(DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 21/SEP/18	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'		