

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

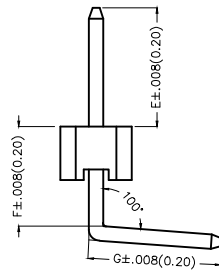
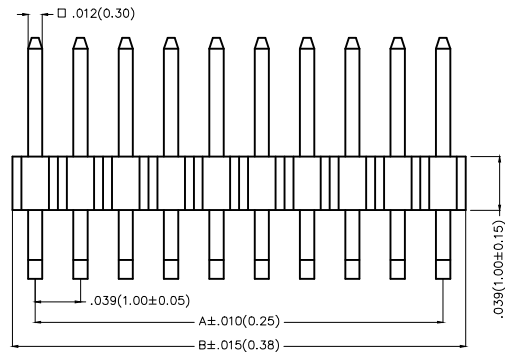
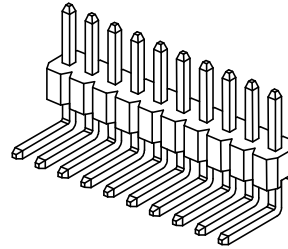
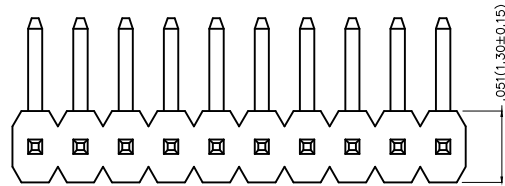
SPECIFICATIONS

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

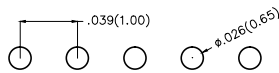
Housing: Glass Filled Polyester(UL 94V-0) ,Colour: Black
 Pin: Brass/ Gold-Flash /Gold Plated Options



Ordering Information

FPH 100 01 — S XX B X XX 4 XX B
 1 2 3 4 5 6 7 8 9 10 11

1 <u>Category</u> FPH—Pin Header	2 <u>Series Number</u> 100—Pitch 1.00mm	3 <u>Distinction No.</u> 01	4 <u>Contact Alignment</u> S—Single Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> B—90° Angle
7 <u>Plating</u> 1—Gold Plated All 3—Half Gold/Tin	8 <u>Thickness of Gold Plating</u> 00—Gold Flash 05—5u"; 15—15u" 30—30u" Custom Plate Available	9 <u>Material—Resin</u> 4—PA6T	10 <u>Pin Length(E/F)</u> Serial number: 01,02... E/F/G/H/K: Custom length Available(See Table1)	11 <u>Packaging</u> B—PE Bag	





Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.±5° X.X±.008(0.20) .X'±2° X.XX±.006(0.15) .XX'±1° X.XXX±.004(0.10) .XXX'±0.5°		APPROVE BY FRANK CHECKED BY CHERRY DRAWN BY JACOB	DATE 25/JUN/13 DATE 25/JUN/13 DATE 25/JUN/13	PART NO. FPH10001—SXXBXXX4XXB ITEM NO. FPH10001	<p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	TITLE PIN HEADER PITCH: .039"(1.00mm) Series 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

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH10001-S01SXXX4XXB	—	.039(1.00)	21	FPH10001-S21SXXX4XXB	.787(20.00)	.827(21.00)
2	FPH10001-S02SXXX4XXB	.039(1.00)	.079(2.00)	22	FPH10001-S22SXXX4XXB	.827(21.00)	.866(22.00)
3	FPH10001-S03SXXX4XXB	.079(2.00)	.118(3.00)	23	FPH10001-S23SXXX4XXB	.866(22.00)	.906(23.00)
4	FPH10001-S04SXXX4XXB	.118(3.00)	.157(4.00)	24	FPH10001-S24SXXX4XXB	.906(23.00)	.945(24.00)
5	FPH10001-S05SXXX4XXB	.157(4.00)	.197(5.00)	25	FPH10001-S25SXXX4XXB	.945(24.00)	.984(25.00)
6	FPH10001-S06SXXX4XXB	.197(5.00)	.236(6.00)	26	FPH10001-S26SXXX4XXB	.984(25.00)	1.024(26.00)
7	FPH10001-S07SXXX4XXB	.236(6.00)	.276(7.00)	27	FPH10001-S27SXXX4XXB	1.024(26.00)	1.063(27.00)
8	FPH10001-S08SXXX4XXB	.276(7.00)	.315(8.00)	28	FPH10001-S28SXXX4XXB	1.063(27.00)	1.102(28.00)
9	FPH10001-S09SXXX4XXB	.315(8.00)	.354(9.00)	29	FPH10001-S29SXXX4XXB	1.102(28.00)	1.142(29.00)
10	FPH10001-S10SXXX4XXB	.354(9.00)	.394(10.00)	30	FPH10001-S30SXXX4XXB	1.142(29.00)	1.181(30.00)
11	FPH10001-S11SXXX4XXB	.394(10.00)	.443(11.00)	31	FPH10001-S31SXXX4XXB	1.181(30.00)	1.220(31.00)
12	FPH10001-S12SXXX4XXB	.443(11.00)	.472(12.00)	32	FPH10001-S32SXXX4XXB	1.220(31.00)	1.260(32.00)
13	FPH10001-S13SXXX4XXB	.472(12.00)	.512(13.00)	33	FPH10001-S33SXXX4XXB	1.260(32.00)	1.130(33.00)
14	FPH10001-S14SXXX4XXB	.512(13.00)	.551(14.00)	34	FPH10001-S34SXXX4XXB	1.130(33.00)	1.339(34.00)
15	FPH10001-S15SXXX4XXB	.551(14.00)	.591(15.00)	35	FPH10001-S35SXXX4XXB	1.339(34.00)	1.379(35.00)
16	FPH10001-S16SXXX4XXB	.591(15.00)	.630(16.00)	36	FPH10001-S36SXXX4XXB	1.379(35.00)	1.417(36.00)
17	FPH10001-S17SXXX4XXB	.630(16.00)	.669(17.00)	37	FPH10001-S37SXXX4XXB	1.417(36.00)	1.457(37.00)
18	FPH10001-S18SXXX4XXB	.669(17.00)	.709(18.00)	38	FPH10001-S38SXXX4XXB	1.457(37.00)	1.497(38.00)
19	FPH10001-S19SXXX4XXB	.709(18.00)	.748(19.00)	39	FPH10001-S39SXXX4XXB	1.497(38.00)	1.535(39.00)
20	FPH10001-S20SXXX4XXB	.748(19.00)	.787(20.00)	40	FPH10001-S40SXXX4XXB	1.535(39.00)	1.575(40.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	FRANK	25/JUN/13	FPH10001-SXXBXXX4XXB	FPH10001		
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	.XX'±1'	CHERRY	25/JUN/13	PIN HEADER		REV 0	SHEET NO. 3/3
SCALE	SIZE	X.XXX±.004(0.10)	.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		
5:1	A4	JACOB		JACOB	25/JUN/13			