

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

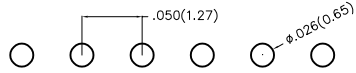
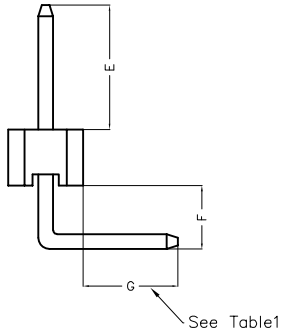
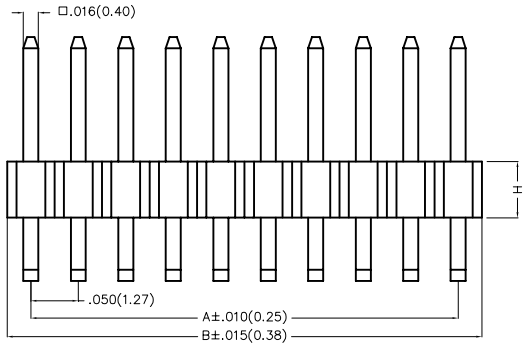
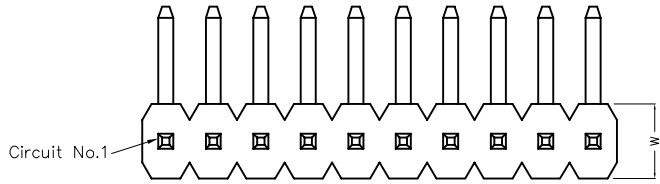
SPECIFICATIONS

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: 600V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

Material and Plating

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



Recommended P.C.Board Layout

Ordering Information

FPH 127 02 - 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> 127-Pitch1.27mm	3 <u>Distinction No.</u> 02	4 <u>Row Option</u> S-Single Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> B-90° Angle
7 <u>Plating</u> 1-Gold plated 3-Selective gold in contact area, tin on tail	8 <u>Thickness of Plating</u> 01-1μ" 15-15μ" Custom plate available	9 <u>Material-Resin</u> 4-PA6T	10 <u>Size</u> 01,02... -Serial number (See Table1) Custom length available	11 <u>Packaging</u> B-PE Bag	

 THIRD ANGLE PROJECTION	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 DATE 25/JUN/13	PART NO. FPH12702-SXXBXXX4XXB ITEM NO. FPH12702	 TXGA Leader Of Industry
	DESIGN UNITS Inch (metric)	SCALE 5:1 SIZE A4	CHECKED BY CHERRY DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 1.27mm 90° Angle(DIP)	
DRAWN BY JACOB DATE 25/JUN/13			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

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH12702-S01BXXX4XXB	—	.050(1.27)	21	FPH12702-S21BXXX4XXB	1.000(25.40)	1.050(26.67)
2	FPH12702-S02BXXX4XXB	.050(1.27)	.100(2.54)	22	FPH12702-S22BXXX4XXB	1.050(26.67)	1.100(27.94)
3	FPH12702-S03BXXX4XXB	.100(2.54)	.150(3.81)	23	FPH12702-S23BXXX4XXB	1.100(27.94)	1.150(29.21)
4	FPH12702-S04BXXX4XXB	.150(3.81)	.200(5.08)	24	FPH12702-S24BXXX4XXB	1.150(29.21)	1.200(30.48)
5	FPH12702-S05BXXX4XXB	.200(5.08)	.250(6.35)	25	FPH12702-S25BXXX4XXB	1.200(30.48)	1.250(31.75)
6	FPH12702-S06BXXX4XXB	.250(6.35)	.300(7.62)	26	FPH12702-S26BXXX4XXB	1.250(31.75)	1.300(33.02)
7	FPH12702-S07BXXX4XXB	.300(7.62)	.350(8.89)	27	FPH12702-S27BXXX4XXB	1.300(33.02)	1.350(34.29)
8	FPH12702-S08BXXX4XXB	.350(8.89)	.400(10.16)	28	FPH12702-S28BXXX4XXB	1.350(34.29)	1.400(35.56)
9	FPH12702-S09BXXX4XXB	.400(10.16)	.450(11.43)	29	FPH12702-S29BXXX4XXB	1.400(35.56)	1.450(36.83)
10	FPH12702-S10BXXX4XXB	.450(11.43)	.500(12.70)	30	FPH12702-S30BXXX4XXB	1.450(36.83)	1.500(38.10)
11	FPH12702-S11BXXX4XXB	.500(12.70)	.550(13.97)	31	FPH12702-S31BXXX4XXB	1.500(38.10)	1.550(39.37)
12	FPH12702-S12BXXX4XXB	.550(13.97)	.600(15.24)	32	FPH12702-S32BXXX4XXB	1.550(39.37)	1.600(40.64)
13	FPH12702-S13BXXX4XXB	.600(15.24)	.650(16.51)	33	FPH12702-S33BXXX4XXB	1.600(40.64)	1.650(41.91)
14	FPH12702-S14BXXX4XXB	.650(16.51)	.700(17.78)	34	FPH12702-S34BXXX4XXB	1.650(41.91)	1.700(43.18)
15	FPH12702-S15BXXX4XXB	.700(17.78)	.750(19.05)	35	FPH12702-S35BXXX4XXB	1.700(43.18)	1.750(44.45)
16	FPH12702-S16BXXX4XXB	.750(19.05)	.800(20.32)	36	FPH12702-S36BXXX4XXB	1.750(44.45)	1.800(45.72)
17	FPH12702-S17BXXX4XXB	.800(20.32)	.850(21.59)	37	FPH12702-S37BXXX4XXB	1.800(45.72)	1.850(46.99)
18	FPH12702-S18BXXX4XXB	.850(21.59)	.900(22.86)	38	FPH12702-S38BXXX4XXB	1.850(46.99)	1.900(48.26)
19	FPH12702-S19BXXX4XXB	.900(22.86)	.950(24.13)	39	FPH12702-S39BXXX4XXB	1.900(48.26)	1.950(49.53)
20	FPH12702-S20BXXX4XXB	.950(24.13)	1.00(25.40)	40	FPH12702-S40BXXX4XXB	1.950(49.53)	2.000(50.80)

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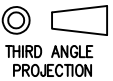

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 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5'	FRANK	25/JUN/13	FPH12702-SXXBXXX4XXB	FPH12702	
	DESIGN UNITS Inch (metric)		CHECKED BY	DATE	TITLE		
	X.X±.008(0.20)	.X±2'	CHERRY	25/JUN/13	Board to Board(Pin Header) Pitch 1.27mm 90° Angle(DIP)		
SCALE	SIZE	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	X.XX±.006(0.15)	.XX±1'	JACOB	25/JUN/13	REV 0	SHEET NO. 3/3
		X.XX±.004(0.10)	.XX±0.5'				

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