

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

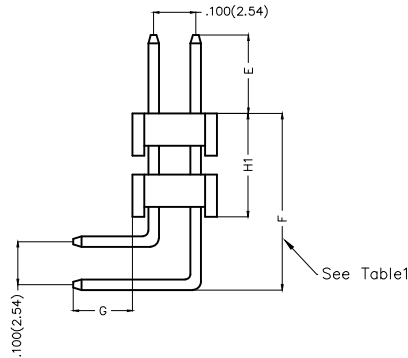
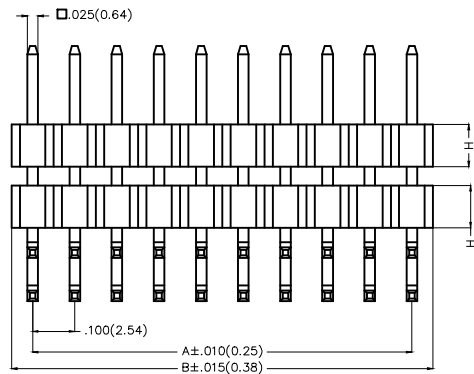
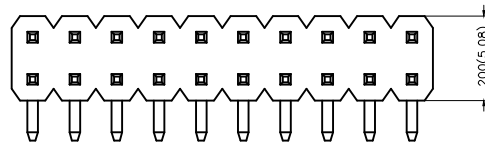
**SPECIFICATIONS**

**Electrical**

Current Rating: 3.0A 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**

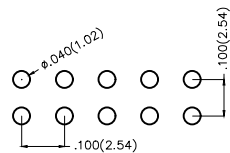
Housing: Glass Filled Polyester (UL 94V-0) , Color: Black  
Pin: Brass  
Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail



**Ordering Information**


FPH 254 F3 — D XX B X XX X XX B  
1 2 3 4 5 6 7 8 9 10 11

1 Category FPH—Pin Header	2 Series Number 254—Pitch 2.54mm	3 Distinction No. F3	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold plated 3—Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 Size 01,02... —Serial number (See Table1) Custom length available	11 Packaging B—Bag	



**Recommended P.C.Board Layout**

Tolerances: ±.002(±0.05)

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FPH254F3—DXXBXXXXXB	ITEM NO. FPH254F3	 <p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.±5' X.X±.008(0.20) .X'±2'	CHECKED BY KEVIN	DATE 29/JUL/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'	DRAWN BY CHERRY	DATE 29/JUL/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

A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH254F3-D04BXXXXXXB	.100(2.54)	.200(5.08)	44	FPH254F3-D44BXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPH254F3-D06BXXXXXXB	.200(5.08)	.300(7.62)	46	FPH254F3-D46BXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPH254F3-D08BXXXXXXB	.300(7.62)	.400(10.16)	48	FPH254F3-D48BXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPH254F3-D10BXXXXXXB	.400(10.16)	.500(12.70)	50	FPH254F3-D50BXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPH254F3-D12BXXXXXXB	.500(12.70)	.600(15.24)	52	FPH254F3-D52BXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPH254F3-D14BXXXXXXB	.600(15.24)	.700(17.78)	54	FPH254F3-D54BXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPH254F3-D16BXXXXXXB	.700(17.78)	.800(20.32)	56	FPH254F3-D56BXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPH254F3-D18BXXXXXXB	.800(20.32)	.900(22.86)	58	FPH254F3-D58BXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPH254F3-D20BXXXXXXB	.900(22.86)	1.000(25.40)	60	FPH254F3-D60BXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPH254F3-D22BXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPH254F3-D62BXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPH254F3-D24BXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPH254F3-D64BXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPH254F3-D26BXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPH254F3-D66BXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPH254F3-D28BXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPH254F3-D68BXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPH254F3-D30BXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPH254F3-D70BXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPH254F3-D32BXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPH254F3-D72BXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPH254F3-D34BXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPH254F3-D74BXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPH254F3-D36BXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPH254F3-D76BXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPH254F3-D38BXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPH254F3-D78BXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPH254F3-D40BXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPH254F3-D80BXXXXXXB	3.900(99.06)	4.000(101.60)
42	FPH254F3-D42BXXXXXXB	2.000(50.80)	2.100(53.34)				

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		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY CHERRY		DATE 29/JUL/13	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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