

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

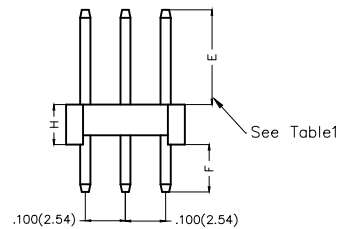
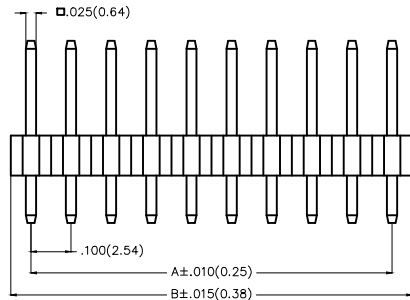
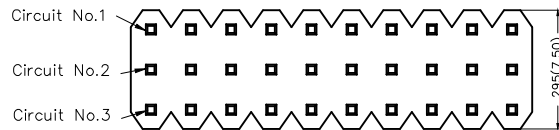
SPECIFICATIONS

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

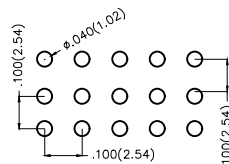
Housing: Glass Filled Polyester (UL 94V-0), Color: Black  
Pin: Brass  
Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail




Ordering Information

FPH 254 31 — T XX S 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. 31	4 Row Option T—Three Row	5 Circuits XX	6 Entry Angle S—180° Vertical
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—PE Bag	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FPH25431—TXXSXXXXXB	ITEM NO. FPH25431	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.±5° X.X±.008(0.20) .X'±2°	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1° X.XXX±.004(0.10) .XXX'±0.5°	DRAWN BY JACOB	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
9	FPH25431-T09SXXXXXXB	.200(5.08)	.300(7.62)	66	FPH25431-T66SXXXXXXB	2.100(53.34)	2.200(55.88)
12	FPH25431-T12SXXXXXXB	.300(7.62)	.400(10.16)	69	FPH25431-T69SXXXXXXB	2.200(55.88)	2.300(58.42)
15	FPH25431-T15SXXXXXXB	.400(10.16)	.500(12.70)	72	FPH25431-T72SXXXXXXB	2.300(58.42)	2.400(60.96)
18	FPH25431-T18SXXXXXXB	.500(12.70)	.600(15.24)	75	FPH25431-T75SXXXXXXB	2.400(60.96)	2.500(63.50)
21	FPH25431-T21SXXXXXXB	.600(15.24)	.700(17.78)	78	FPH25431-T78SXXXXXXB	2.500(63.50)	2.600(66.04)
24	FPH25431-T24SXXXXXXB	.700(17.78)	.800(20.32)	81	FPH25431-T81SXXXXXXB	2.600(66.04)	2.700(68.58)
27	FPH25431-T27SXXXXXXB	.800(20.32)	.900(22.86)	84	FPH25431-T84SXXXXXXB	2.700(68.58)	2.800(71.12)
30	FPH25431-T30SXXXXXXB	.900(22.86)	1.000(25.40)	87	FPH25431-T87SXXXXXXB	2.800(71.12)	2.900(73.66)
33	FPH25431-T33SXXXXXXB	1.000(25.40)	1.100(27.94)	90	FPH25431-T90SXXXXXXB	2.900(73.66)	3.000(76.20)
36	FPH25431-T36SXXXXXXB	1.100(27.94)	1.200(30.48)	93	FPH25431-T93SXXXXXXB	3.000(76.20)	3.100(78.74)
39	FPH25431-T39SXXXXXXB	1.200(30.48)	1.300(33.02)	96	FPH25431-T96SXXXXXXB	3.100(78.74)	3.200(81.28)
42	FPH25431-T42SXXXXXXB	1.300(33.02)	1.400(35.56)	99	FPH25431-T99SXXXXXXB	3.200(81.28)	3.300(83.82)
45	FPH25431-T45SXXXXXXB	1.400(35.56)	1.500(38.10)	102	FPH25431-T102SXXXXXXB	3.300(83.82)	3.400(86.36)
48	FPH25431-T48SXXXXXXB	1.500(38.10)	1.600(40.64)	105	FPH25431-T105SXXXXXXB	3.400(86.36)	3.500(88.90)
51	FPH25431-T51SXXXXXXB	1.600(40.64)	1.700(43.18)	108	FPH25431-T108SXXXXXXB	3.500(88.90)	3.600(91.44)
54	FPH25431-T54SXXXXXXB	1.700(43.18)	1.800(45.72)	111	FPH25431-T111SXXXXXXB	3.600(91.44)	3.700(93.98)
57	FPH25431-T57SXXXXXXB	1.800(45.72)	1.900(48.26)	114	FPH25431-T114SXXXXXXB	3.700(93.98)	3.800(96.52)
60	FPH25431-T60SXXXXXXB	1.900(48.26)	2.000(50.80)	117	FPH25431-T117SXXXXXXB	3.800(96.52)	3.900(99.06)
63	FPH25431-T63SXXXXXXB	2.000(50.80)	2.100(53.34)	120	FPH25431-T120SXXXXXXB	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FPH25431-TXXSXXXXXXB	ITEM NO. FPH25431	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		REV 0
SCALE 5:1	SIZE A4	DRAWN BY JACOB		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