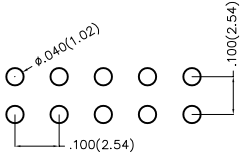
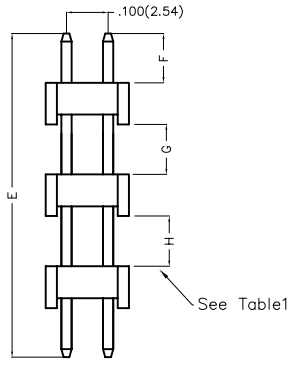
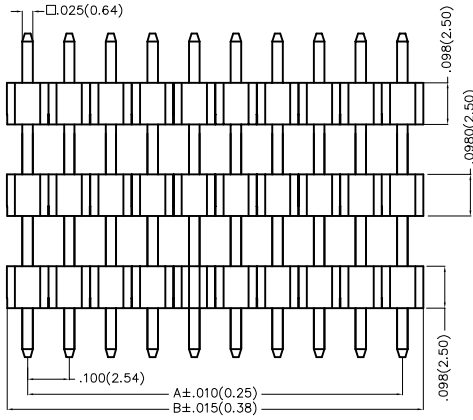
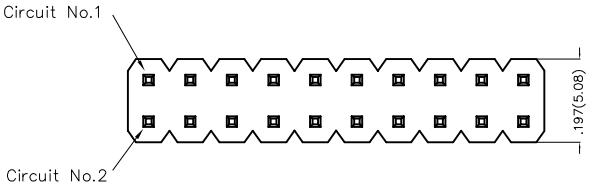


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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



Recommended P.C.Board Layout

Ordering Information

FPH 254 33 — D XX S X XX X XX B  
 1 2 3 4 5 6 7 8 9 10 11

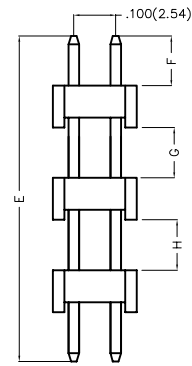
1 Category FPH-Pin Header	2 Series Number 254-Pitch2.54mm	3 Distinction No. 33	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging B-PE Bag	

 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FPH25433-DXXSXXXXXXB	ITEM NO. FPH25433	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)			REV 0
	X.XX±.008(0.20)	.X'±2'	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			
	X.XX±.006(0.15)	.XX'±1'						
X.XXX±.004(0.10)	.XXX'±0.5'							

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1



Serial number	Dimensions(in/mm)				Canceled Circuits	Note
	E	F	G	H		
01	1.654(42.00)	.197(5.00)	.520(13.20)	.520(13.20)		
02	1.256(32.00)	.244(6.20)	.248(6.30)	.354(9.00)		
03	2.343(59.50)	.236(6.00)	.846(21.50)	.846(21.50)		
04	1.496(38.00)	.197(5.00)	.394(10.00)	.413(10.50)		
05	1.299(33.00)	.244(6.20)	.276(7.00)	.240(6.10)		
06	1.024(26.00)	.118(3.00)	.236(6.00)	.256(6.50)		



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	FRANK	29/JUL/13	FPH25433-DXXSXXXXXXB	FPH25433	
	DESIGN UNITS	X.X±.008(0.20)	X.±2'	CHECKED BY	DATE	TITLE	
	Inch (metric)	X.XX±.006(0.15)	.XX±1'	CHERRY	29/JUL/13	Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)	
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	29/JUL/13	REV 0	SHEET NO. 2/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH25433-D02SXXXXXXB	—	.100(2.54)	42	FPH25433-D42SXXXXXXB	2.000(50.80)	2.100(53.34)
4	FPH25433-D04SXXXXXXB	.100(2.54)	.200(5.08)	44	FPH25433-D44SXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPH25433-D06SXXXXXXB	.200(5.08)	.300(7.62)	46	FPH25433-D46SXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPH25433-D08SXXXXXXB	.300(7.62)	.400(10.16)	48	FPH25433-D48SXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPH25433-D10SXXXXXXB	.400(10.16)	.500(12.70)	50	FPH25433-D50SXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPH25433-D12SXXXXXXB	.500(12.70)	.600(15.24)	52	FPH25433-D52SXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPH25433-D14SXXXXXXB	.600(15.24)	.700(17.78)	54	FPH25433-D54SXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPH25433-D16SXXXXXXB	.700(17.78)	.800(20.32)	56	FPH25433-D56SXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPH25433-D18SXXXXXXB	.800(20.32)	.900(22.86)	58	FPH25433-D58SXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPH25433-D20SXXXXXXB	.900(22.86)	1.000(25.40)	60	FPH25433-D60SXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPH25433-D22SXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPH25433-D62SXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPH25433-D24SXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPH25433-D64SXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPH25433-D26SXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPH25433-D66SXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPH25433-D28SXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPH25433-D68SXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPH25433-D30SXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPH25433-D70SXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPH25433-D32SXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPH25433-D72SXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPH25433-D34SXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPH25433-D74SXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPH25433-D36SXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPH25433-D76SXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPH25433-D38SXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPH25433-D78SXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPH25433-D40SXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPH25433-D80SXXXXXXB	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FPH25433-DXXSXXXXXXB	ITEM NO. FPH25433	 Leader Of Industry		
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 180' Vertical(DIP)			REV 0	SHEET NO. 3/3
	X.X±.008(0.20)	.X'±2'	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				
	X.XX±.006(0.15)	.XX'±1'							
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'						