

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

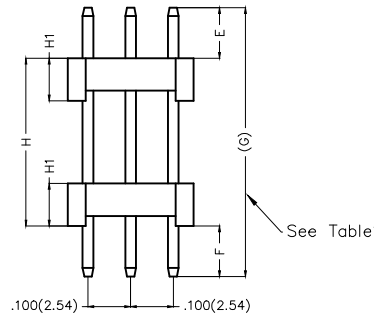
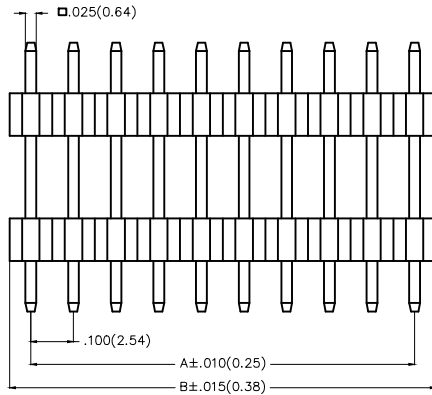
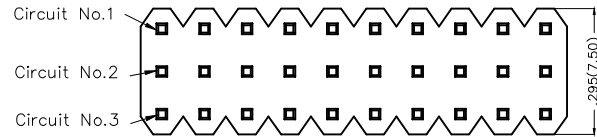
SPECIFICATIONS

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

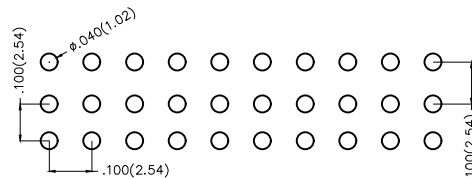
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold in contact area, tin on tail



Ordering Information

FPH 254 40 — 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—Pitch2.54mm	3	Distinction No. 40	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, 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. FPH25440-TXXSXXXXXXB	ITEM NO. FPH25440	 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
	DESIGN UNITS Inch (metric)	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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.'±1'	X.XXX±.004(0.10)	X.'±0.5'		

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

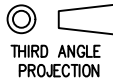

E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
9	FPH25440-T09SXXXXXXB	.200(5.08)	.300(7.62)	66	FPH25440-T66SXXXXXXB	2.100(53.34)	2.200(55.88)
12	FPH25440-T12SXXXXXXB	.300(7.62)	.400(10.16)	69	FPH25440-T69SXXXXXXB	2.200(55.88)	2.300(58.42)
15	FPH25440-T15SXXXXXXB	.400(10.16)	.500(12.70)	72	FPH25440-T72SXXXXXXB	2.300(58.42)	2.400(60.96)
18	FPH25440-T18SXXXXXXB	.500(12.70)	.600(15.24)	75	FPH25440-T75SXXXXXXB	2.400(60.96)	2.500(63.50)
21	FPH25440-T21SXXXXXXB	.600(15.24)	.700(17.78)	78	FPH25440-T78SXXXXXXB	2.500(63.50)	2.600(66.04)
24	FPH25440-T24SXXXXXXB	.700(17.78)	.800(20.32)	81	FPH25440-T81SXXXXXXB	2.600(66.04)	2.700(68.58)
27	FPH25440-T27SXXXXXXB	.800(20.32)	.900(22.86)	84	FPH25440-T84SXXXXXXB	2.700(68.58)	2.800(71.12)
30	FPH25440-T30SXXXXXXB	.900(22.86)	1.000(25.40)	87	FPH25440-T87SXXXXXXB	2.800(71.12)	2.900(73.66)
33	FPH25440-T33SXXXXXXB	1.000(25.40)	1.100(27.94)	90	FPH25440-T90SXXXXXXB	2.900(73.66)	3.000(76.20)
36	FPH25440-T36SXXXXXXB	1.100(27.94)	1.200(30.48)	93	FPH25440-T93SXXXXXXB	3.000(76.20)	3.100(78.74)
39	FPH25440-T39SXXXXXXB	1.200(30.48)	1.300(33.02)	96	FPH25440-T96SXXXXXXB	3.100(78.74)	3.200(81.28)
42	FPH25440-T42SXXXXXXB	1.300(33.02)	1.400(35.56)	99	FPH25440-T99SXXXXXXB	3.200(81.28)	3.300(83.82)
45	FPH25440-T45SXXXXXXB	1.400(35.56)	1.500(38.10)	102	FPH25440-T102SXXXXXXB	3.300(83.82)	3.400(86.36)
48	FPH25440-T48SXXXXXXB	1.500(38.10)	1.600(40.64)	105	FPH25440-T105SXXXXXXB	3.400(86.36)	3.500(88.90)
51	FPH25440-T51SXXXXXXB	1.600(40.64)	1.700(43.18)	108	FPH25440-T108SXXXXXXB	3.500(88.90)	3.600(91.44)
54	FPH25440-T54SXXXXXXB	1.700(43.18)	1.800(45.72)	111	FPH25440-T111SXXXXXXB	3.600(91.44)	3.700(93.98)
57	FPH25440-T57SXXXXXXB	1.800(45.72)	1.900(48.26)	114	FPH25440-T114SXXXXXXB	3.700(93.98)	3.800(96.52)
60	FPH25440-T60SXXXXXXB	1.900(48.26)	2.000(50.80)	117	FPH25440-T117SXXXXXXB	3.800(96.52)	3.900(99.06)
63	FPH25440-T63SXXXXXXB	2.000(50.80)	2.100(53.34)	120	FPH25440-T120SXXXXXXB	3.900(99.06)	4.000(101.60)

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