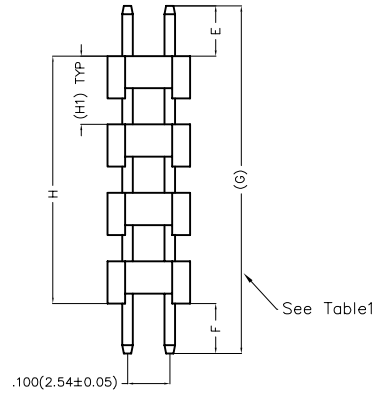
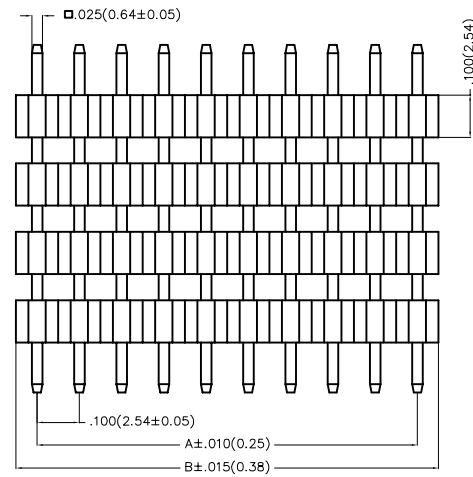
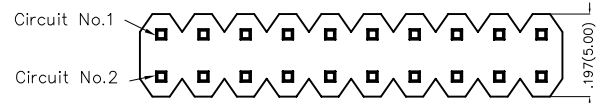


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Increased packaging: Box/Tube	2019/12/6	ZOEY	CHERRY



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

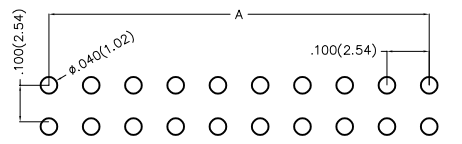
Material

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 45 — D XX S X XX X XX X
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. 45	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, 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 C—Box L—Tube		



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/DEC/18	PART NO. FPH25445-DXXSXXXXXXX	ITEM NO. FPH25445	<p>Leader Of Industry</p>
	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 28/DEC/18	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)	REV 1	
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 28/DEC/18	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)	.XX'±1'				
		X.XXX±.004(0.10)	.XXX'±0.5'				

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
2	FPH25445-D02SXXXXXXB	-	.100(2.54)	42	FPH25445-D42SXXXXXXB	2.000(50.80)	2.100(53.34)
4	FPH25445-D04SXXXXXXB	.100(2.54)	.200(5.08)	44	FPH25445-D44SXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPH25445-D06SXXXXXXB	.200(5.08)	.300(7.62)	46	FPH25445-D46SXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPH25445-D08SXXXXXXB	.300(7.62)	.400(10.16)	48	FPH25445-D48SXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPH25445-D10SXXXXXXB	.400(10.16)	.500(12.70)	50	FPH25445-D50SXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPH25445-D12SXXXXXXB	.500(12.70)	.600(15.24)	52	FPH25445-D52SXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPH25445-D14SXXXXXXB	.600(15.24)	.700(17.78)	54	FPH25445-D54SXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPH25445-D16SXXXXXXB	.700(17.78)	.800(20.32)	56	FPH25445-D56SXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPH25445-D18SXXXXXXB	.800(20.32)	.900(22.86)	58	FPH25445-D58SXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPH25445-D20SXXXXXXB	.900(22.86)	1.000(25.40)	60	FPH25445-D60SXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPH25445-D22SXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPH25445-D62SXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPH25445-D24SXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPH25445-D64SXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPH25445-D26SXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPH25445-D66SXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPH25445-D28SXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPH25445-D68SXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPH25445-D30SXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPH25445-D70SXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPH25445-D32SXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPH25445-D72SXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPH25445-D34SXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPH25445-D74SXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPH25445-D36SXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPH25445-D76SXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPH25445-D38SXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPH25445-D78SXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPH25445-D40SXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPH25445-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. FPH25445-DXXSXXXXXX	ITEM NO. FPH25445	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.X±.012(0.30) X.X±.008(0.20)	X'.±5' X'.±2'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		REV 1
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	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