

Dimensions(in/mm)	
H	F
.039(1.00)	.059(1.50)~.069(1.75)
.059(1.50)	.079(2.00)~.089(2.25)
.079(2.00)	.098(2.50)~.108(2.75)
.098(2.50)	≥.118(3.00)

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

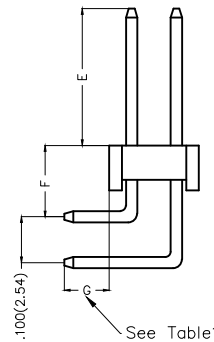
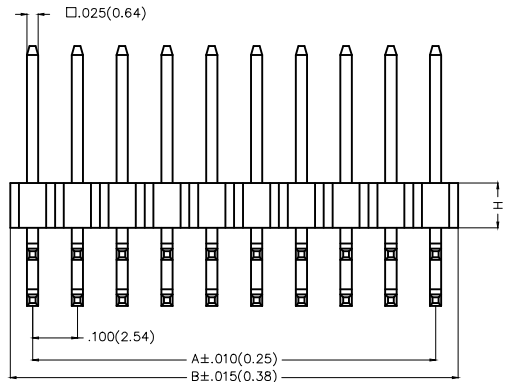
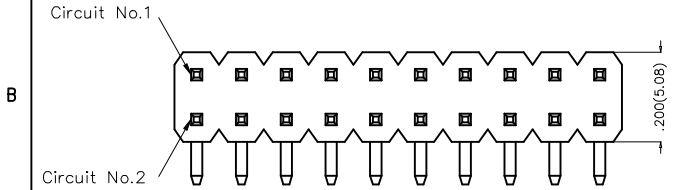
SPECIFICATIONS

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

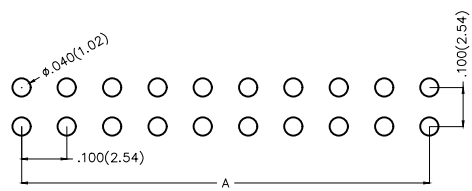
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



Ordering Information

FPHC 254 03 - D XX B X XX X XXX B
 1 2 3 4 5 6 7 8 9 10 11

1	Category FPHC-Pin Header (Canceled Circuits)	2	Series Number 254-Pitch2.54mm	3	Distinction No. 03	4	Row Option D-Double Row	5	Circuits XX	6	Entry Angle B-90° Angle
7	Plating 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area	8	Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9	Material-Resin 1-PBT 4-PA6T	10	Size number 001,002...-Serial number (See Table1)	11	Packaging B-PE Bag		



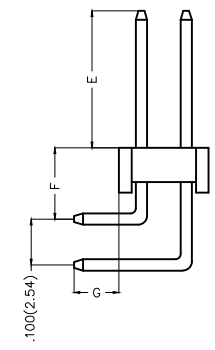
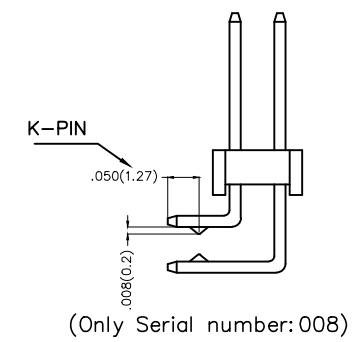
Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPHC25403-DXXBXXXXXXB	ITEM NO. FPHC25403	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 24/DEC/19	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'		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm)			Canceled Circuits	Note
	E	F	G		
001	.157(4.00)	.157(4.00)	.118(3.00)	No. 2,3	Only 24Circuits
002	.157(4.00)	.157(4.00)	.118(3.00)	No. 3,4	Only 24Circuits
003	.236(6.00)	.177(4.50)	.118(3.00)	No. 2,4,6,8	Only 8Circuits
004	.236(6.00)	.177(4.50)	.118(3.00)	No. 2,4,6,8,10,12	Only 12Circuits
005	.236(6.00)	.157(4.00)	.098(2.50)	No. 4	Only 14Circuits
006	.118(3.00)	.148(3.75)	.118(3.00)	No.29,30	Only 40Circuits
007	.226(5.75)	.157(4.00)	.128(3.25)	No.1,4,5	Only 18Circuits
008	.226(5.75)	.157(4.00)	.128(3.25)	No.1,4,5	Only 18Circuits (K-pin at No.9,10)
009	.177(4.50)	.157(4.00)	.118(3.00)	No.3,4	Only 6Circuits



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPHC25403-DXXBXXXXXXXXB	ITEM NO. FPHC25403	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)	
SCALE 5:1	SIZE A4	X.XX±.008(0.20)	.X±2°	DRAWN BY ZOEY	DATE 24/DEC/19	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°			REV 0	SHEET NO. 2/3
		X.XXX±.004(0.10)	.XXX±0.5°				

1 2 3 4 5 6 7 8

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
2	FPHC25403-D02BXXXXXXXXB	—	.100(2.54)	42	FPHC25403-D42BXXXXXXXXB	2.000(50.80)	2.100(53.34)
4	FPHC25403-D04BXXXXXXXXB	.100(2.54)	.200(5.08)	44	FPHC25403-D44BXXXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPHC25403-D06BXXXXXXXXB	.200(5.08)	.300(7.62)	46	FPHC25403-D46BXXXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPHC25403-D08BXXXXXXXXB	.300(7.62)	.400(10.16)	48	FPHC25403-D48BXXXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPHC25403-D10BXXXXXXXXB	.400(10.16)	.500(12.70)	50	FPHC25403-D50BXXXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPHC25403-D12BXXXXXXXXB	.500(12.70)	.600(15.24)	52	FPHC25403-D52BXXXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPHC25403-D14BXXXXXXXXB	.600(15.24)	.700(17.78)	54	FPHC25403-D54BXXXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPHC25403-D16BXXXXXXXXB	.700(17.78)	.800(20.32)	56	FPHC25403-D56BXXXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPHC25403-D18BXXXXXXXXB	.800(20.32)	.900(22.86)	58	FPHC25403-D58BXXXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPHC25403-D20BXXXXXXXXB	.900(22.86)	1.000(25.40)	60	FPHC25403-D60BXXXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPHC25403-D22BXXXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPHC25403-D62BXXXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPHC25403-D24BXXXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPHC25403-D64BXXXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPHC25403-D26BXXXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPHC25403-D66BXXXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPHC25403-D28BXXXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPHC25403-D68BXXXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPHC25403-D30BXXXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPHC25403-D70BXXXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPHC25403-D32BXXXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPHC25403-D72BXXXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPHC25403-D34BXXXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPHC25403-D74BXXXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPHC25403-D36BXXXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPHC25403-D76BXXXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPHC25403-D38BXXXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPHC25403-D78BXXXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPHC25403-D40BXXXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPHC25403-D80BXXXXXXXXB	3.900(99.06)	4.000(101.60)

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	SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'				

1 2 3 4 5 6 7 8