

Dimensions(in/mm)	
H	E
.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

A

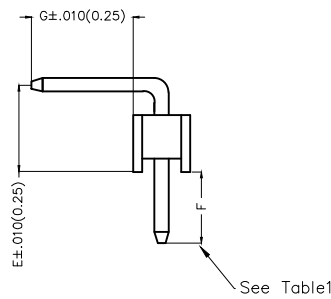
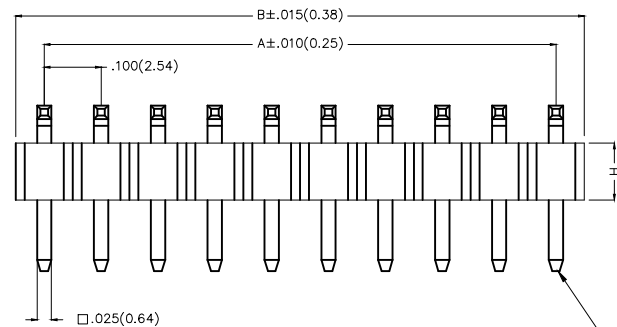
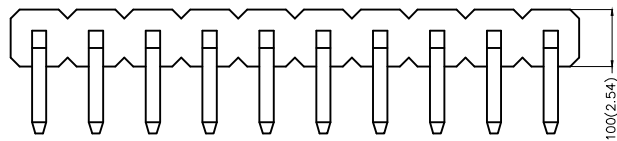
B

C

D

E

F

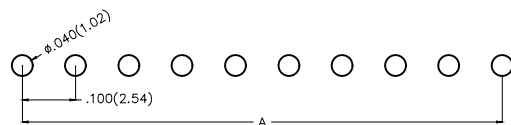


Circuit No.1

Ordering Information

FPHC 254 04 - S 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. 04	4	Row Option S—Single 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. FPHC25404—SXXBXXXXXXB	ITEM NO. FPHC25404	 TXGA 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.X±.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)	.XX'±1'	X.XXX±.004(0.10)	.XX'±0.5'		

A

B

C

D

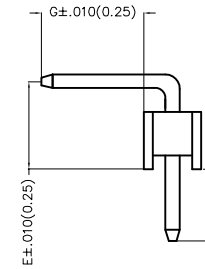
E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm)			Canceled Circuits	Note
	E	F	G		
001	.167(4.25)	.118(3.00)	.236(6.00)	No. 2,3	Only 6Circuits
002	.167(4.25)	.118(3.00)	.236(6.00)	No. 6,7,8	Only 10Circuits
003	.167(4.25)	.118(3.00)	.236(6.00)	No. 4,5	Only 11Circuits
004	.128(3.25)	.118(3.00)	.177(4.50)	No. 10,11	Only 12Circuits



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	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±.006(0.15)	.XX±1'	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.XXX±.004(0.10)	.XXX±0.5'			REV 0	SHEET NO. 2/3

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

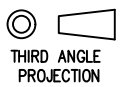

E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPHC25404-S01BXXXXXXXXB	—	.100(2.54)	21	FPHC25404-S21BXXXXXXXXB	2.000(50.80)	2.100(53.34)
2	FPHC25404-S02BXXXXXXXXB	.100(2.54)	.200(5.08)	22	FPHC25404-S22BXXXXXXXXB	2.100(53.34)	2.200(55.88)
3	FPHC25404-S03BXXXXXXXXB	.200(5.08)	.300(7.62)	23	FPHC25404-S23BXXXXXXXXB	2.200(55.88)	2.300(58.42)
4	FPHC25404-S04BXXXXXXXXB	.300(7.62)	.400(10.16)	24	FPHC25404-S24BXXXXXXXXB	2.300(58.42)	2.400(60.96)
5	FPHC25404-S05BXXXXXXXXB	.400(10.16)	.500(12.70)	25	FPHC25404-S25BXXXXXXXXB	2.400(60.96)	2.500(63.50)
6	FPHC25404-S06BXXXXXXXXB	.500(12.70)	.600(15.24)	26	FPHC25404-S26BXXXXXXXXB	2.500(63.50)	2.600(66.04)
7	FPHC25404-S07BXXXXXXXXB	.600(15.24)	.700(17.78)	27	FPHC25404-S27BXXXXXXXXB	2.600(66.04)	2.700(68.58)
8	FPHC25404-S08BXXXXXXXXB	.700(17.78)	.800(20.32)	28	FPHC25404-S28BXXXXXXXXB	2.700(68.58)	2.800(71.12)
9	FPHC25404-S09BXXXXXXXXB	.800(20.32)	.900(22.86)	29	FPHC25404-S29BXXXXXXXXB	2.800(71.12)	2.900(73.66)
10	FPHC25404-S10BXXXXXXXXB	.900(22.86)	1.000(25.40)	30	FPHC25404-S30BXXXXXXXXB	2.900(73.66)	3.000(76.20)
11	FPHC25404-S11BXXXXXXXXB	1.000(25.40)	1.100(27.94)	31	FPHC25404-S31BXXXXXXXXB	3.000(76.20)	3.100(78.74)
12	FPHC25404-S12BXXXXXXXXB	1.100(27.94)	1.200(30.48)	32	FPHC25404-S32BXXXXXXXXB	3.100(78.74)	3.200(81.28)
13	FPHC25404-S13BXXXXXXXXB	1.200(30.48)	1.300(33.02)	33	FPHC25404-S33BXXXXXXXXB	3.200(81.28)	3.300(83.82)
14	FPHC25404-S14BXXXXXXXXB	1.300(33.02)	1.400(35.56)	34	FPHC25404-S34BXXXXXXXXB	3.300(83.82)	3.400(86.36)
15	FPHC25404-S15BXXXXXXXXB	1.400(35.56)	1.500(38.10)	35	FPHC25404-S35BXXXXXXXXB	3.400(86.36)	3.500(88.90)
16	FPHC25404-S16BXXXXXXXXB	1.500(38.10)	1.600(40.64)	36	FPHC25404-S36BXXXXXXXXB	3.500(88.90)	3.600(91.44)
17	FPHC25404-S17BXXXXXXXXB	1.600(40.64)	1.700(43.18)	37	FPHC25404-S37BXXXXXXXXB	3.600(91.44)	3.700(93.98)
18	FPHC25404-S18BXXXXXXXXB	1.700(43.18)	1.800(45.72)	38	FPHC25404-S38BXXXXXXXXB	3.700(93.98)	3.800(96.52)
19	FPHC25404-S19BXXXXXXXXB	1.800(45.72)	1.900(48.26)	39	FPHC25404-S39BXXXXXXXXB	3.800(96.52)	3.900(99.06)
20	FPHC25404-S20BXXXXXXXXB	1.900(48.26)	2.000(50.80)	40	FPHC25404-S40BXXXXXXXXB	3.900(99.06)	4.000(101.60)

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1 2 3 4 5 6 7 8