

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
1	△	Structure of Housing change	08/MAR/23	MATT	KATE

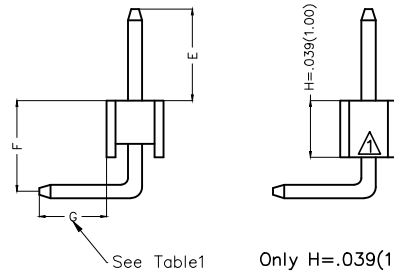
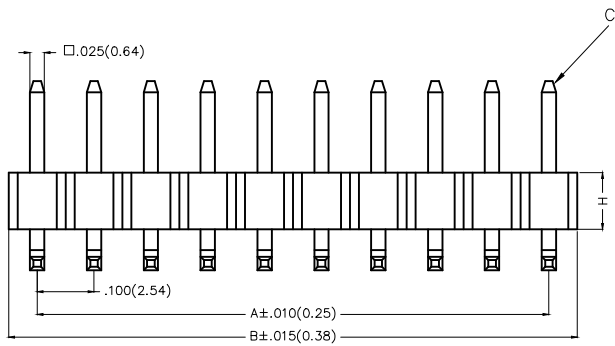
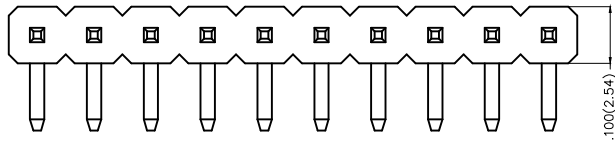
SPECIFICATIONS

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

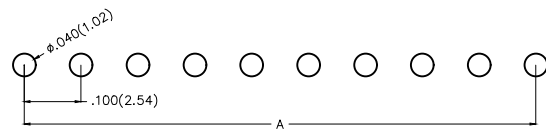
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
 Pin: Brass
 Pin Plating: Gold plated/Tin plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



Ordering Information

FPHC 254 05 - 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. 05	4 Row Option S—Single Row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold plated 2—Tin 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	



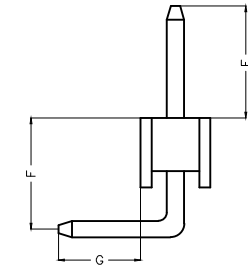
Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPHC25405-SXXBXXXXXXB	ITEM NO. FPHC25405	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)		REV 1
SCALE 5:1	SIZE A4		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			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

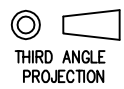

Serial number	Dimensions (in/mm)			Canceled Circuits	Note
	E	F	G		
001	.118(3.00)	.335(8.50)	.118(3.00)	No. 3,4,5	Only 10Circuits
002	.118(3.00)	.335(8.50)	.118(3.00)	No. 6,7	Only 11Circuits
003	.118(3.00)	.335(8.50)	.118(3.00)	No. 7,8	Only 11Circuits
004	.118(3.00)	.108(2.75)	.118(3.00)	No. 3,4,5	Only 10, 11Circuits
005	.118(3.00)	.108(2.75)	.118(3.00)	No. 7,8	Only 11Circuits
006	.157(4.00)	.118(3.00)	.118(3.00)	No. 3,4	Only 10Circuits
007	.157(3.75)	.108(2.75)	.118(3.00)	No. 3,4,7,8,11,12,15,16,19,20,23,24,27,28	Only 30Circuits
008	.157(3.75)	.108(2.75)	.118(3.00)	No. 3,4,7,8,11,12,15,16,19,20,23,24,27,28,31,32	Only34,36 Circuits
009	.256(6.50)	.157(4.00)	.138(3.50)	No. 2	Only3 Circuits
010	.266(6.75)	.167(4.25)	.118(3.00)	No. 3	Only4 Circuits
011	.138(3.50)	.128(3.25)	.118(3.00)	—	Only12 Circuits PIN: Tin plated all



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPHC25405-SXXBXXXXXXXXB	ITEM NO. FPHC25405	 Building Technology Cornerstone	
	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 1
	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'		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPHC25405-S01BXXXXXXXXB	—	.100(2.54)	21	FPHC25405-S21BXXXXXXXXB	2.000(50.80)	2.100(53.34)
2	FPHC25405-S02BXXXXXXXXB	.100(2.54)	.200(5.08)	22	FPHC25405-S22BXXXXXXXXB	2.100(53.34)	2.200(55.88)
3	FPHC25405-S03BXXXXXXXXB	.200(5.08)	.300(7.62)	23	FPHC25405-S23BXXXXXXXXB	2.200(55.88)	2.300(58.42)
4	FPHC25405-S04BXXXXXXXXB	.300(7.62)	.400(10.16)	24	FPHC25405-S24BXXXXXXXXB	2.300(58.42)	2.400(60.96)
5	FPHC25405-S05BXXXXXXXXB	.400(10.16)	.500(12.70)	25	FPHC25405-S25BXXXXXXXXB	2.400(60.96)	2.500(63.50)
6	FPHC25405-S06BXXXXXXXXB	.500(12.70)	.600(15.24)	26	FPHC25405-S26BXXXXXXXXB	2.500(63.50)	2.600(66.04)
7	FPHC25405-S07BXXXXXXXXB	.600(15.24)	.700(17.78)	27	FPHC25405-S27BXXXXXXXXB	2.600(66.04)	2.700(68.58)
8	FPHC25405-S08BXXXXXXXXB	.700(17.78)	.800(20.32)	28	FPHC25405-S28BXXXXXXXXB	2.700(68.58)	2.800(71.12)
9	FPHC25405-S09BXXXXXXXXB	.800(20.32)	.900(22.86)	29	FPHC25405-S29BXXXXXXXXB	2.800(71.12)	2.900(73.66)
10	FPHC25405-S10BXXXXXXXXB	.900(22.86)	1.000(25.40)	30	FPHC25405-S30BXXXXXXXXB	2.900(73.66)	3.000(76.20)
11	FPHC25405-S11BXXXXXXXXB	1.000(25.40)	1.100(27.94)	31	FPHC25405-S31BXXXXXXXXB	3.000(76.20)	3.100(78.74)
12	FPHC25405-S12BXXXXXXXXB	1.100(27.94)	1.200(30.48)	32	FPHC25405-S32BXXXXXXXXB	3.100(78.74)	3.200(81.28)
13	FPHC25405-S13BXXXXXXXXB	1.200(30.48)	1.300(33.02)	33	FPHC25405-S33BXXXXXXXXB	3.200(81.28)	3.300(83.82)
14	FPHC25405-S14BXXXXXXXXB	1.300(33.02)	1.400(35.56)	34	FPHC25405-S34BXXXXXXXXB	3.300(83.82)	3.400(86.36)
15	FPHC25405-S15BXXXXXXXXB	1.400(35.56)	1.500(38.10)	35	FPHC25405-S35BXXXXXXXXB	3.400(86.36)	3.500(88.90)
16	FPHC25405-S16BXXXXXXXXB	1.500(38.10)	1.600(40.64)	36	FPHC25405-S36BXXXXXXXXB	3.500(88.90)	3.600(91.44)
17	FPHC25405-S17BXXXXXXXXB	1.600(40.64)	1.700(43.18)	37	FPHC25405-S37BXXXXXXXXB	3.600(91.44)	3.700(93.98)
18	FPHC25405-S18BXXXXXXXXB	1.700(43.18)	1.800(45.72)	38	FPHC25405-S38BXXXXXXXXB	3.700(93.98)	3.800(96.52)
19	FPHC25405-S19BXXXXXXXXB	1.800(45.72)	1.900(48.26)	39	FPHC25405-S39BXXXXXXXXB	3.800(96.52)	3.900(99.06)
20	FPHC25405-S20BXXXXXXXXB	1.900(48.26)	2.000(50.80)	40	FPHC25405-S40BXXXXXXXXB	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPHC25405-SXXBXXXXXXXXB	ITEM NO. FPHC25405	 Building Technology Cornerstone	
	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)		
		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 1		SHEET NO. 3/3
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'					