

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

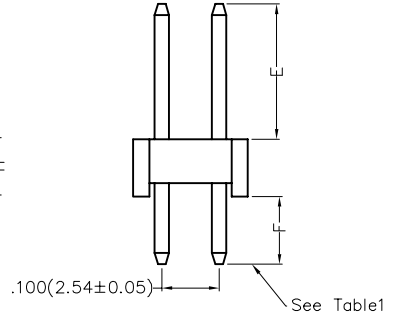
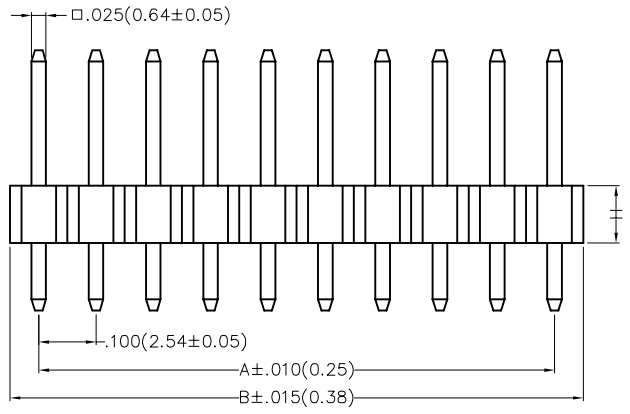
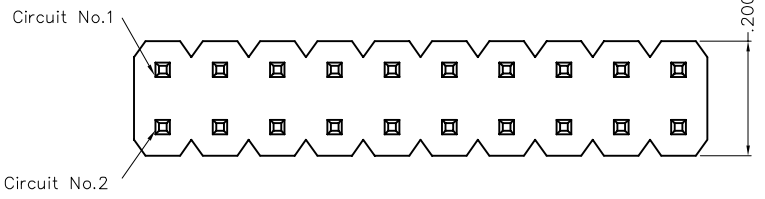
Electrical

- 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

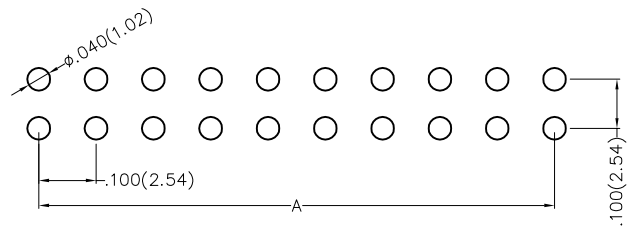
* Note: All materials meet the "EU RoHs"



Ordering Information

FPHC 254 02 - D XX S X XX X XXX B
 1 2 3 4 5 6 7 8 9 10 11

1 <u>Category</u> FPHC-Pin Header (Canceled Circuits)	2 <u>Series Number</u> 254-Pitch2.54mm	3 <u>Distinction No.</u> 02	4 <u>Row Option</u> D-Double Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> S-180° Vertical
7 <u>Plating</u> 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area	8 <u>Thickness of Plating</u> 01-1μ" 15-15μ" Custom plate available	9 <u>Material-Resin</u> 1-PBT 4-PA6T	10 <u>Size number</u> 001,002...-Serial number (See Table1)	11 <u>Packaging</u> B-PE Bag	



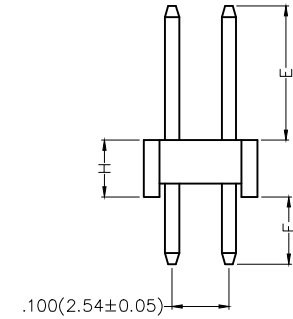
Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPHC25402-DXXSXXXXXXB	ITEM NO. FPHC25402	<p>Building Technology Cornerstone</p>
	X.±.012(0.30)	X:±5'	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		
	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		
	X.XX±.006(0.15)	.XX'±1'					
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XX'±0.5'				

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Table1



Serial number	Dimensions (in/mm)			Canceled Circuits
	E	F	H	
001	.236(6.00)	.118(3.00)	.098(2.50)	No. 10
002	.335(8.50)	.118(3.00)	.098(2.50)	No. 5,6
003	.236(6.00)	.098(2.50)	.098(2.50)	No. 7
004	.236(6.00)	.098(2.50)	.098(2.50)	No. 9
005	.236(6.00)	.276(7.00)	.098(2.50)	No. 9
006	.236(6.00)	.118(3.00)	.098(2.50)	No. 6
007	.236(6.00)	.118(3.00)	.098(2.50)	No. 5
008	.236(6.00)	.138(3.50)	.098(2.50)	No. 10
009	.236(6.00)	.138(3.50)	.098(2.50)	No. 9
010	.236(6.00)	.177(4.50)	.098(2.50)	No. 6
011	.236(6.00)	.118(3.00)	.098(2.50)	No. 4
012	.236(6.00)	.118(3.00)	.098(2.50)	No. 3
013	.236(6.00)	.118(3.00)	.098(2.50)	No. 8
014	.236(6.00)	.118(3.00)	.098(2.50)	No. 2
015	.236(6.00)	.079(2.00)	.098(2.50)	No. 8
016	.236(6.00)	.079(2.00)	.098(2.50)	No. 9
017	.236(6.00)	.079(2.00)	.098(2.50)	No. 10



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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 180° Vertical(DIP)		REV 0
	SCALE 5:1	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		
	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'					

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPHC25402-D02SXXXXXXXXB	—	.100(2.54)	42	FPHC25402-D42SXXXXXXXXB	2.000(50.80)	2.100(53.34)
4	FPHC25402-D04SXXXXXXXXB	.100(2.54)	.200(5.08)	44	FPHC25402-D44SXXXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPHC25402-D06SXXXXXXXXB	.200(5.08)	.300(7.62)	46	FPHC25402-D46SXXXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPHC25402-D08SXXXXXXXXB	.300(7.62)	.400(10.16)	48	FPHC25402-D48SXXXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPHC25402-D10SXXXXXXXXB	.400(10.16)	.500(12.70)	50	FPHC25402-D50SXXXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPHC25402-D12SXXXXXXXXB	.500(12.70)	.600(15.24)	52	FPHC25402-D52SXXXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPHC25402-D14SXXXXXXXXB	.600(15.24)	.700(17.78)	54	FPHC25402-D54SXXXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPHC25402-D16SXXXXXXXXB	.700(17.78)	.800(20.32)	56	FPHC25402-D56SXXXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPHC25402-D18SXXXXXXXXB	.800(20.32)	.900(22.86)	58	FPHC25402-D58SXXXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPHC25402-D20SXXXXXXXXB	.900(22.86)	1.000(25.40)	60	FPHC25402-D60SXXXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPHC25402-D22SXXXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPHC25402-D62SXXXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPHC25402-D24SXXXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPHC25402-D64SXXXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPHC25402-D26SXXXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPHC25402-D66SXXXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPHC25402-D28SXXXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPHC25402-D68SXXXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPHC25402-D30SXXXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPHC25402-D70SXXXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPHC25402-D32SXXXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPHC25402-D72SXXXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPHC25402-D34SXXXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPHC25402-D74SXXXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPHC25402-D36SXXXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPHC25402-D76SXXXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPHC25402-D38SXXXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPHC25402-D78SXXXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPHC25402-D40SXXXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPHC25402-D80SXXXXXXXXB	3.900(99.06)	4.000(101.60)

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		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				
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