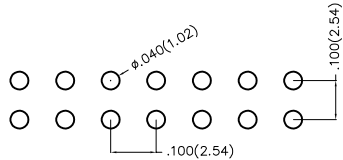
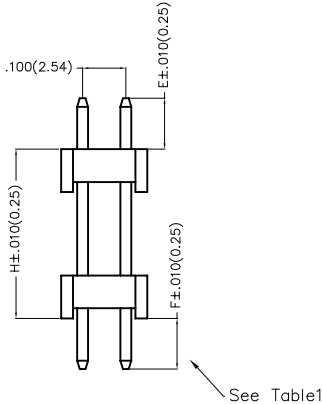
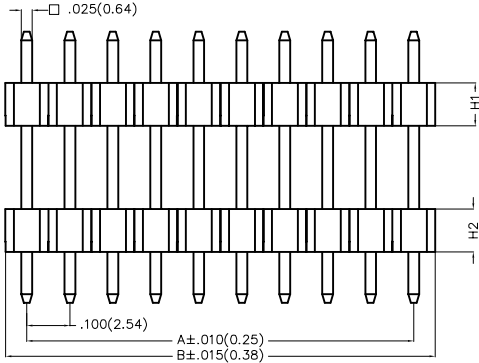
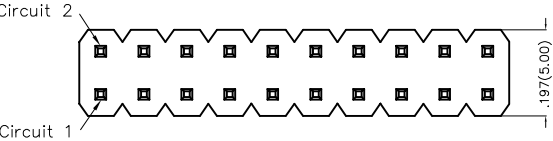


1	2	3	4	5	6	7	8
Dimensions(in/mm)							
H	H1+H2						
.118(3.00)	.059(1.50)+.059(1.50)						
.138(3.50)	.059(1.50)+.079(2.00)						
.157(4.00)	.079(2.00)+.079(2.00)						
.177(4.50)	.079(2.00)+.098(2.50)						
≥.197(5.00)	.098(2.50)+.098(2.50)						



Recommended P.C.Board Layout

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

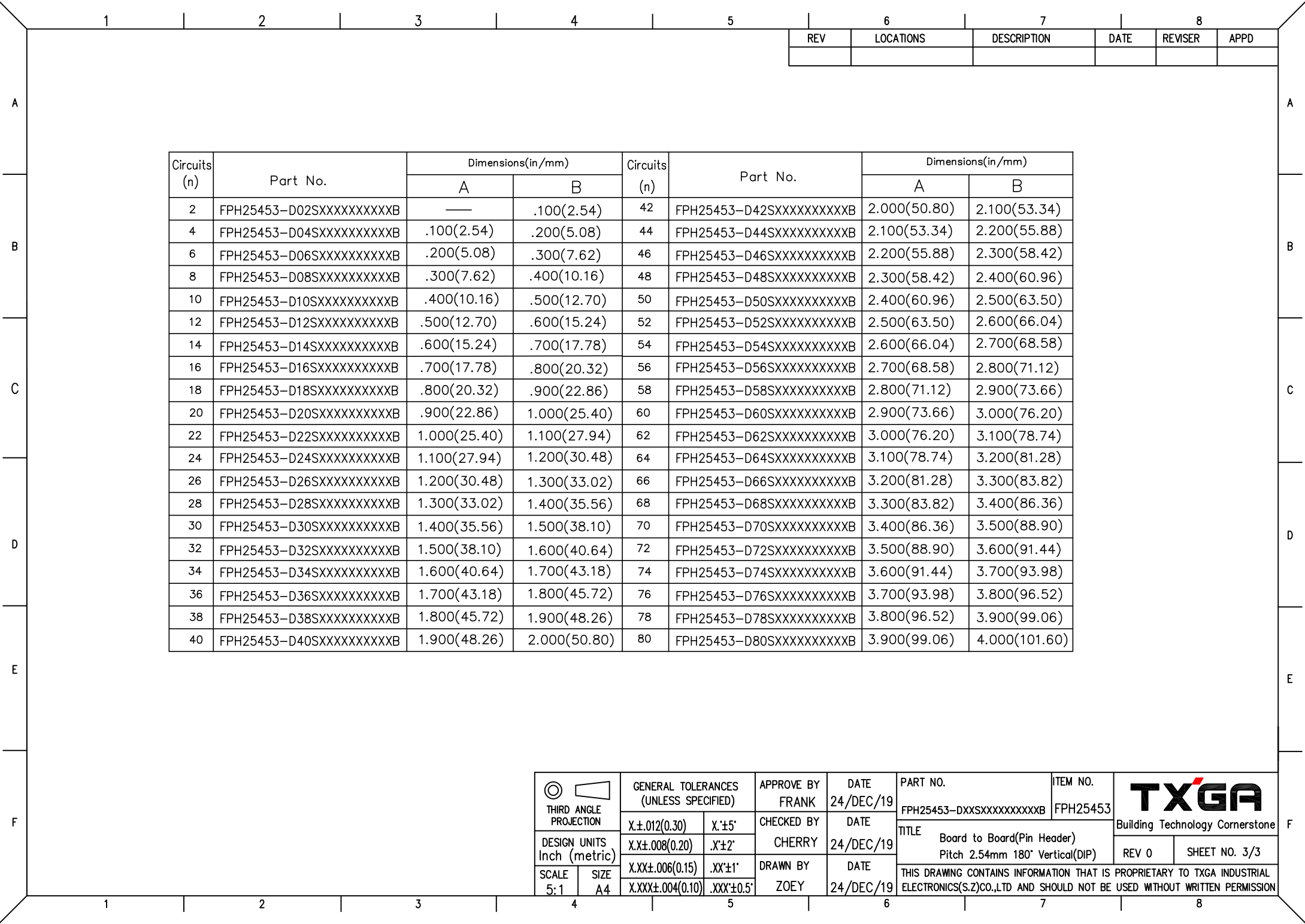
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area

Ordering Information

FPH	254	53	—	D	XX	S	X	XX	X	XX	XX	XX	B
1	2	3		4	5	6	7	8	9	10	11	12	13

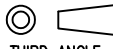
1	Category FPH—Pin Header	2	Series Number 254—Pitch2.54mm	3	Distinction No. 53	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle S—180° Vertical	7	Plating 1—Gold plated 6—Nickel plated 7—Selective gold plated on contact area and matte tin plated on tails area
8	Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9	Material—Resin 1—PBT 4—PA6T	10	E Size 01,02...—Serial number (See Table1)	11	F Size 01,02...—Serial number (See Table1)	12	H Size 01,02...—Serial number (See Table1)	13	Packaging B—PE Bag		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25453-DXXSXXXXXXXXXXB	ITEM NO. FPH25453	 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 180° Vertical(DIP)			
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)	.XXX'±0.5'			REV 0 SHEET NO. 1/3			



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH25453-D02SXXXXXXXXXB	—	.100(2.54)	42	FPH25453-D42SXXXXXXXXXB	2.000(50.80)	2.100(53.34)
4	FPH25453-D04SXXXXXXXXXB	.100(2.54)	.200(5.08)	44	FPH25453-D44SXXXXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPH25453-D06SXXXXXXXXXB	.200(5.08)	.300(7.62)	46	FPH25453-D46SXXXXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPH25453-D08SXXXXXXXXXB	.300(7.62)	.400(10.16)	48	FPH25453-D48SXXXXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPH25453-D10SXXXXXXXXXB	.400(10.16)	.500(12.70)	50	FPH25453-D50SXXXXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPH25453-D12SXXXXXXXXXB	.500(12.70)	.600(15.24)	52	FPH25453-D52SXXXXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPH25453-D14SXXXXXXXXXB	.600(15.24)	.700(17.78)	54	FPH25453-D54SXXXXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPH25453-D16SXXXXXXXXXB	.700(17.78)	.800(20.32)	56	FPH25453-D56SXXXXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPH25453-D18SXXXXXXXXXB	.800(20.32)	.900(22.86)	58	FPH25453-D58SXXXXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPH25453-D20SXXXXXXXXXB	.900(22.86)	1.000(25.40)	60	FPH25453-D60SXXXXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPH25453-D22SXXXXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPH25453-D62SXXXXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPH25453-D24SXXXXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPH25453-D64SXXXXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPH25453-D26SXXXXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPH25453-D66SXXXXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPH25453-D28SXXXXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPH25453-D68SXXXXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPH25453-D30SXXXXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPH25453-D70SXXXXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPH25453-D32SXXXXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPH25453-D72SXXXXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPH25453-D34SXXXXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPH25453-D74SXXXXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPH25453-D36SXXXXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPH25453-D76SXXXXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPH25453-D38SXXXXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPH25453-D78SXXXXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPH25453-D40SXXXXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPH25453-D80SXXXXXXXXXB	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25453-DXXSXXXXXXXXXB	ITEM NO. FPH25453	 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 180° Vertical(DIP)			
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		X.XX±.006(0.15)	.XX'±1'						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5'						