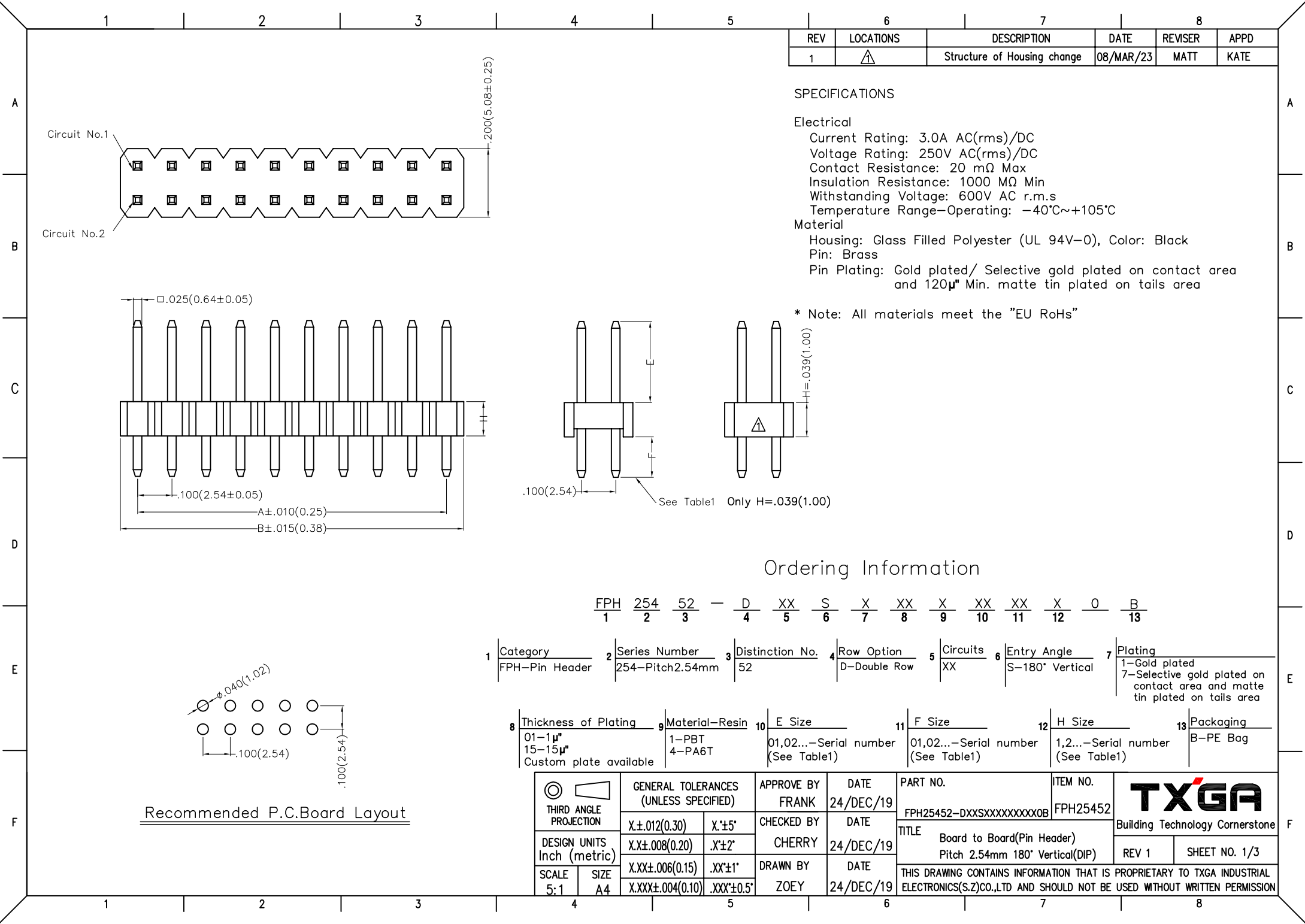




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Structure of Housing change	08/MAR/23	MATT	KATE

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/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area

* Note: All materials meet the "EU RoHs"

Ordering Information

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle	7	Plating
	FPH—Pin Header		254—Pitch2.54mm		52		D—Double Row		XX		S—180° Vertical		1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area
8	Thickness of Plating	9	Material—Resin	10	E Size	11	F Size	12	H Size	13	Packaging		
	01—1μ" 15—15μ" Custom plate available		1—PBT 4—PA6T		01,02...—Serial number (See Table1)		01,02...—Serial number (See Table1)		1,2...—Serial number (See Table1)		B—PE Bag		

Recommended P.C.Board Layout

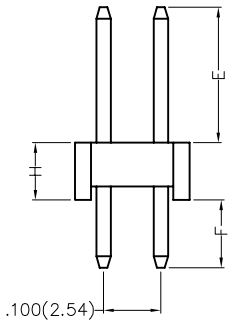
	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.		
			FRANK	24/DEC/19	FPH25452-DXXSXXXXXXXXX0B	FPH25452		
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		Building Technology Cornerstone	
	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 1	SHEET NO. 1/3

1		2		3		4		5		6		7		8			
Table1										REV	LOCATIONS		DESCRIPTION		DATE	REVISER	APPD

Table1

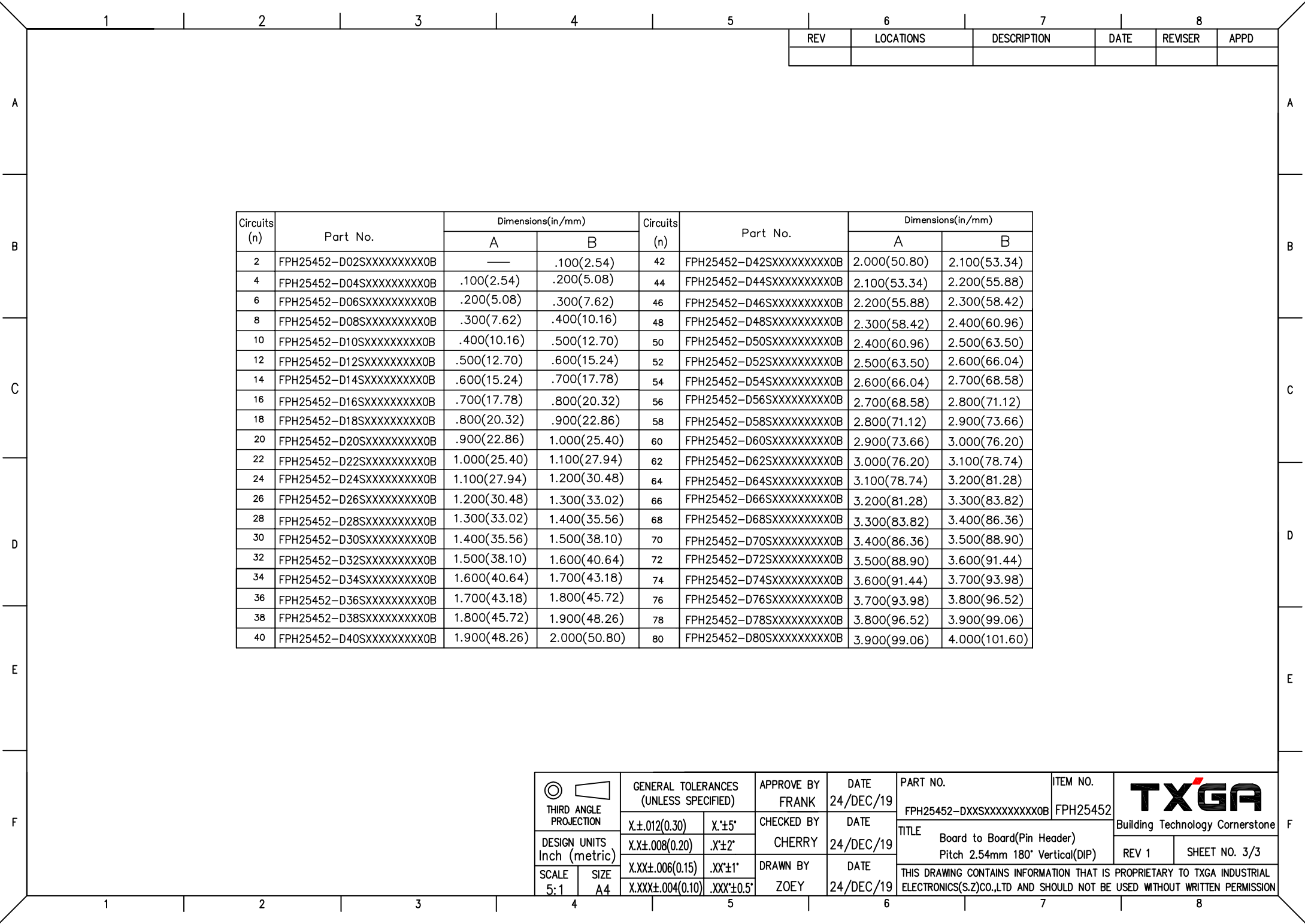
Serial number	Dimensions(in/mm)	Serial number	Dimensions(in/mm)
	E		E
01	.059(1.50)	31	.354(9.00)
02	.069(1.75)	32	.364(9.25)
03	.079(2.00)	33	.374(9.50)
04	.089(2.25)	34	.384(9.75)
05	.098(2.50)	35	.394(10.00)
06	.108(2.75)	36	.404(10.25)
07	.118(3.00)	37	.413(10.50)
08	.128(3.25)	38	.423(10.75)
09	.138(3.50)	39	.433(11.00)
10	.148(3.75)	40	.443(11.25)
11	.157(4.00)	41	.453(11.50)
12	.167(4.25)	42	.463(11.75)
13	.177(4.50)	43	.472(12.00)
14	.187(4.75)	44	.482(12.25)
15	.197(5.00)	45	.492(12.50)
16	.207(5.25)	46	.502(12.75)
17	.217(5.50)	47	.512(13.00)
18	.226(5.75)	48	.522(13.25)
19	.236(6.00)	49	.531(13.50)
20	.246(6.25)	50	.541(13.75)
21	.256(6.50)	51	.551(14.00)
22	.266(6.75)	52	.561(14.25)
23	.276(7.00)	53	.571(14.50)
24	.285(7.25)	54	.581(14.75)
25	.295(7.50)	55	.591(15.00)
26	.305(7.75)	56	.600(15.25)
27	.315(8.00)	57	.610(15.50)
28	.325(8.25)	58	.620(15.75)
29	.335(8.50)	59	.630(16.00)
30	.344(8.75)		

Serial number	Dimensions(in/mm)	Serial number	Dimensions(in/mm)
	F		F
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)	36	



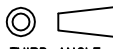
Serial number	Dimensions(in/mm)	
	H	
1	.039(1.00)	
2	.059(1.50)	
3	.079(2.00)	
4	.098(2.50)	

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25452-DXXSXXXXXXXXX0B	ITEM NO. FPH25452	 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)			
	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)	.XXX'±0.5'				REV 1	SHEET NO. 2/3



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	FPH25452-D02SXXXXXXXXX0B	—	.100(2.54)	42	FPH25452-D42SXXXXXXXXX0B	2.000(50.80)	2.100(53.34)
4	FPH25452-D04SXXXXXXXXX0B	.100(2.54)	.200(5.08)	44	FPH25452-D44SXXXXXXXXX0B	2.100(53.34)	2.200(55.88)
6	FPH25452-D06SXXXXXXXXX0B	.200(5.08)	.300(7.62)	46	FPH25452-D46SXXXXXXXXX0B	2.200(55.88)	2.300(58.42)
8	FPH25452-D08SXXXXXXXXX0B	.300(7.62)	.400(10.16)	48	FPH25452-D48SXXXXXXXXX0B	2.300(58.42)	2.400(60.96)
10	FPH25452-D10SXXXXXXXXX0B	.400(10.16)	.500(12.70)	50	FPH25452-D50SXXXXXXXXX0B	2.400(60.96)	2.500(63.50)
12	FPH25452-D12SXXXXXXXXX0B	.500(12.70)	.600(15.24)	52	FPH25452-D52SXXXXXXXXX0B	2.500(63.50)	2.600(66.04)
14	FPH25452-D14SXXXXXXXXX0B	.600(15.24)	.700(17.78)	54	FPH25452-D54SXXXXXXXXX0B	2.600(66.04)	2.700(68.58)
16	FPH25452-D16SXXXXXXXXX0B	.700(17.78)	.800(20.32)	56	FPH25452-D56SXXXXXXXXX0B	2.700(68.58)	2.800(71.12)
18	FPH25452-D18SXXXXXXXXX0B	.800(20.32)	.900(22.86)	58	FPH25452-D58SXXXXXXXXX0B	2.800(71.12)	2.900(73.66)
20	FPH25452-D20SXXXXXXXXX0B	.900(22.86)	1.000(25.40)	60	FPH25452-D60SXXXXXXXXX0B	2.900(73.66)	3.000(76.20)
22	FPH25452-D22SXXXXXXXXX0B	1.000(25.40)	1.100(27.94)	62	FPH25452-D62SXXXXXXXXX0B	3.000(76.20)	3.100(78.74)
24	FPH25452-D24SXXXXXXXXX0B	1.100(27.94)	1.200(30.48)	64	FPH25452-D64SXXXXXXXXX0B	3.100(78.74)	3.200(81.28)
26	FPH25452-D26SXXXXXXXXX0B	1.200(30.48)	1.300(33.02)	66	FPH25452-D66SXXXXXXXXX0B	3.200(81.28)	3.300(83.82)
28	FPH25452-D28SXXXXXXXXX0B	1.300(33.02)	1.400(35.56)	68	FPH25452-D68SXXXXXXXXX0B	3.300(83.82)	3.400(86.36)
30	FPH25452-D30SXXXXXXXXX0B	1.400(35.56)	1.500(38.10)	70	FPH25452-D70SXXXXXXXXX0B	3.400(86.36)	3.500(88.90)
32	FPH25452-D32SXXXXXXXXX0B	1.500(38.10)	1.600(40.64)	72	FPH25452-D72SXXXXXXXXX0B	3.500(88.90)	3.600(91.44)
34	FPH25452-D34SXXXXXXXXX0B	1.600(40.64)	1.700(43.18)	74	FPH25452-D74SXXXXXXXXX0B	3.600(91.44)	3.700(93.98)
36	FPH25452-D36SXXXXXXXXX0B	1.700(43.18)	1.800(45.72)	76	FPH25452-D76SXXXXXXXXX0B	3.700(93.98)	3.800(96.52)
38	FPH25452-D38SXXXXXXXXX0B	1.800(45.72)	1.900(48.26)	78	FPH25452-D78SXXXXXXXXX0B	3.800(96.52)	3.900(99.06)
40	FPH25452-D40SXXXXXXXXX0B	1.900(48.26)	2.000(50.80)	80	FPH25452-D80SXXXXXXXXX0B	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25452-DXXSXXXXXXXXX0B	ITEM NO. FPH25452	 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		X.XX±.006(0.15)	X.X'±1°						
SIZE A4		X.XXX±.004(0.10)	.XXX'±0.5°			REV 1 SHEET NO. 3/3			