

1	2	3
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)	

6	7	8
REV	LOCATIONS	DESCRIPTION
DATE	REVISER	APPD

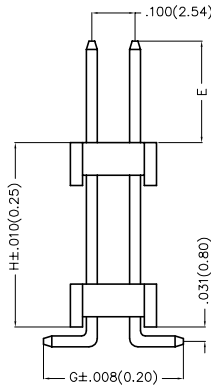
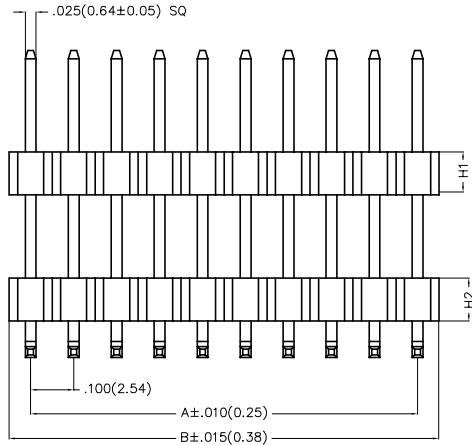
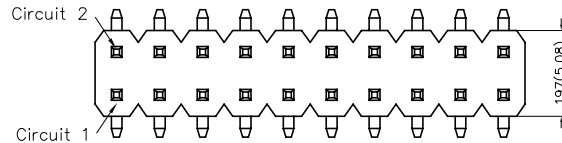
SPECIFICATIONS

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

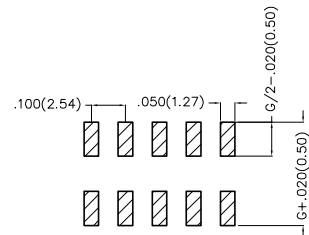
Housing: Glass Filled Polyester (UL 94V-0) , Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



Ordering Information

FPH 254 73 — D XX S X XX 4 XX XX XX M
1 2 3 4 5 6 7 8 9 10 11 12 13

Category	2 Series Number	3 Distinction No.	4 Row Option	5 Circuits	6 Entry Angle	7 Plating
FPH—Pin Header	254—Pitch2.54mm	73	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 G Size	12 H Size	13 Packaging	
01—1μ" 15—15μ" Custom plate available	4—PA6T	01,02...—Serial number (See Table1)	01,02...—Serial number (See Table1)	01,02...—Serial number (See Table1)	M—Reel	



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25473-DXXSXXX4XXXXXXM	ITEM NO. FPH25473	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	CHERRY	24/DEC/19	Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(SMT)		REV 0	SHEET NO. 1/3
		X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	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.XXX±.004(0.10)	.XXX'±0.5°	ZOEY	24/DEC/19				

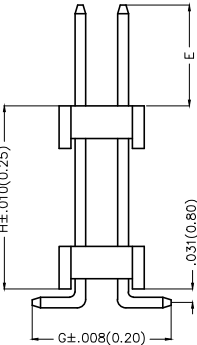
1	2	3	4	5	6	7	8			
					REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm) E	Serial number	Dimensions (in/mm) E
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)		

Serial number	Dimensions (in/mm) G
04	.246(6.25)
05	.256(6.50)
06	.266(6.75)
07	.276(7.00)
08	.285(7.25)
09	.295(7.50)
10	.305(7.75)
11	.315(8.00)
12	.325(8.25)
13	.335(8.50)
14	.344(8.75)
15	.354(9.00)
16	.364(9.25)
17	.374(9.50)
18	.384(9.75)
19	.394(10.00)

Serial number	Dimensions (in/mm) H	Serial number	Dimensions (in/mm) H
01	.118(3.00)	19	.472(12.00)
02	.138(3.50)	20	.492(12.50)
03	.157(4.00)	21	.512(13.00)
04	.177(4.50)	22	.531(13.50)
05	.197(5.00)	23	.551(14.00)
06	.217(5.50)	24	.571(14.50)
07	.236(6.00)	25	.591(15.00)
08	.256(6.50)	26	.610(15.50)
09	.276(7.00)	27	.630(16.00)
10	.295(7.50)	28	.650(16.50)
11	.315(8.00)	29	.669(17.00)
12	.335(8.50)	30	.689(17.50)
13	.354(9.00)	31	.709(18.00)
14	.374(9.50)	32	.728(18.50)
15	.394(10.00)	33	.748(19.00)
16	.413(10.50)	34	.768(19.50)
17	.433(11.00)	35	.787(20.00)
18	.453(11.50)	36	



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25473-DXXSXXX4XXXXXXM	ITEM NO. FPH25473	 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 180° Vertical(SMT)		
	DESIGN UNITS Inch (metric)	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	
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.'±1'	X.XX±.004(0.10)	X.'±0.5'	REV 0

A						6		7		8	
						REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
B											
C											
D											
E											
F											

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH25473-D04SXXX4XXXXXXM	.100(2.54)	.200(5.08)	44	FPH25473-D44SXXX4XXXXXXM	2.100(53.34)	2.200(55.88)
6	FPH25473-D06SXXX4XXXXXXM	.200(5.08)	.300(7.62)	46	FPH25473-D46SXXX4XXXXXXM	2.200(55.88)	2.300(58.42)
8	FPH25473-D08SXXX4XXXXXXM	.300(7.62)	.400(10.16)	48	FPH25473-D48SXXX4XXXXXXM	2.300(58.42)	2.400(60.96)
10	FPH25473-D10SXXX4XXXXXXM	.400(10.16)	.500(12.70)	50	FPH25473-D50SXXX4XXXXXXM	2.400(60.96)	2.500(63.50)
12	FPH25473-D12SXXX4XXXXXXM	.500(12.70)	.600(15.24)	52	FPH25473-D52SXXX4XXXXXXM	2.500(63.50)	2.600(66.04)
14	FPH25473-D14SXXX4XXXXXXM	.600(15.24)	.700(17.78)	54	FPH25473-D54SXXX4XXXXXXM	2.600(66.04)	2.700(68.58)
16	FPH25473-D16SXXX4XXXXXXM	.700(17.78)	.800(20.32)	56	FPH25473-D56SXXX4XXXXXXM	2.700(68.58)	2.800(71.12)
18	FPH25473-D18SXXX4XXXXXXM	.800(20.32)	.900(22.86)	58	FPH25473-D58SXXX4XXXXXXM	2.800(71.12)	2.900(73.66)
20	FPH25473-D20SXXX4XXXXXXM	.900(22.86)	1.000(25.40)	60	FPH25473-D60SXXX4XXXXXXM	2.900(73.66)	3.000(76.20)
22	FPH25473-D22SXXX4XXXXXXM	1.000(25.40)	1.100(27.94)	62	FPH25473-D62SXXX4XXXXXXM	3.000(76.20)	3.100(78.74)
24	FPH25473-D24SXXX4XXXXXXM	1.100(27.94)	1.200(30.48)	64	FPH25473-D64SXXX4XXXXXXM	3.100(78.74)	3.200(81.28)
26	FPH25473-D26SXXX4XXXXXXM	1.200(30.48)	1.300(33.02)	66	FPH25473-D66SXXX4XXXXXXM	3.200(81.28)	3.300(83.82)
28	FPH25473-D28SXXX4XXXXXXM	1.300(33.02)	1.400(35.56)	68	FPH25473-D68SXXX4XXXXXXM	3.300(83.82)	3.400(86.36)
30	FPH25473-D30SXXX4XXXXXXM	1.400(35.56)	1.500(38.10)	70	FPH25473-D70SXXX4XXXXXXM	3.400(86.36)	3.500(88.90)
32	FPH25473-D32SXXX4XXXXXXM	1.500(38.10)	1.600(40.64)	72	FPH25473-D72SXXX4XXXXXXM	3.500(88.90)	3.600(91.44)
34	FPH25473-D34SXXX4XXXXXXM	1.600(40.64)	1.700(43.18)	74	FPH25473-D74SXXX4XXXXXXM	3.600(91.44)	3.700(93.98)
36	FPH25473-D36SXXX4XXXXXXM	1.700(43.18)	1.800(45.72)	76	FPH25473-D76SXXX4XXXXXXM	3.700(93.98)	3.800(96.52)
38	FPH25473-D38SXXX4XXXXXXM	1.800(45.72)	1.900(48.26)	78	FPH25473-D78SXXX4XXXXXXM	3.800(96.52)	3.900(99.06)
40	FPH25473-D40SXXX4XXXXXXM	1.900(48.26)	2.000(50.80)	80	FPH25473-D80SXXX4XXXXXXM	3.900(99.06)	4.000(101.60)
42	FPH25473-D42SXXX4XXXXXXM	2.000(50.80)	2.100(53.34)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25473-DXXSXXX4XXXXXXM	ITEM NO. FPH25473	 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 180° Vertical(SMT)			
	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			
	DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	X.X±1°				REV 0	SHEET NO. 3/3
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	X.XX±0.5°					