

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

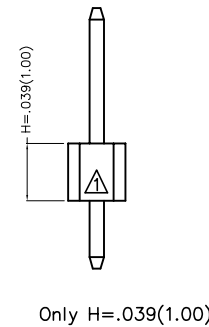
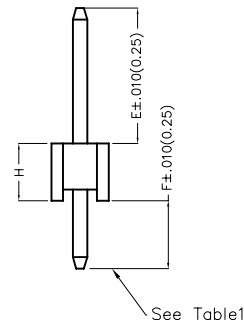
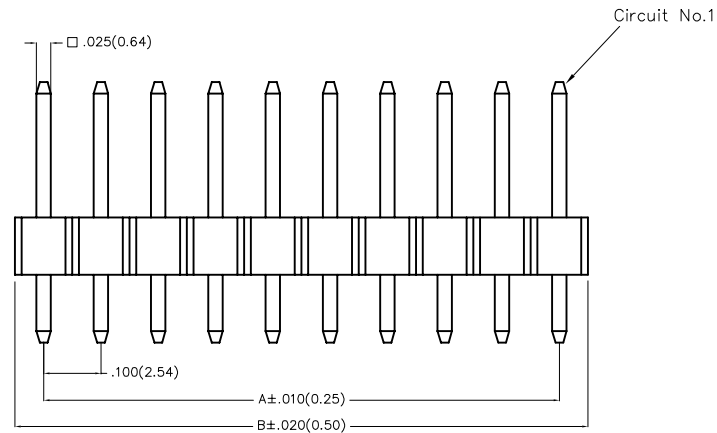
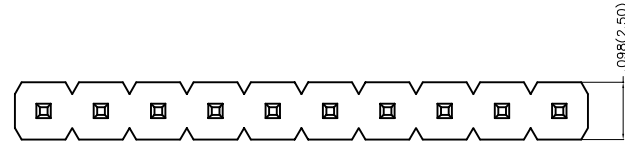
SPECIFICATIONS

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



Only H=.039(1.00)

Ordering Information

FPH	254	48	—	S	XX	S	X	XX	X	XX	XX	X	0	B
1	2	3		4	5	6	7	8	9	10	11	12		13

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle	7	Plating
	FPH—Pin Header		254—Pitch 2.54mm		48		S—Single 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 5—PA9T		01,02...—Serial number (See Table1)		01,02...—Serial number (See Table1)		1,2...—Serial number (See Table1)		B—PE Bag

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X.±.012(0.30)	X.±5°	CHECKED BY	DATE	FPH25448-SXXSXXXXXXXXX0B	FPH25448		
	X.X±.008(0.20)	.X'±2"	CHERRY	24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		REV 1	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)	.XX'±0.5°	ZOEY	24/DEC/19			

A

B

C

D

E

F

A

B

C

D

E

F

12345678

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	FPH25448-S01SXXXXXXXXX0B	—	.100(2.54)	21	FPH25448-S21SXXXXXXXXX0B	2.000(50.80)	2.100(53.34)
2	FPH25448-S02SXXXXXXXXX0B	.100(2.54)	.200(5.08)	22	FPH25448-S22SXXXXXXXXX0B	2.100(53.34)	2.200(55.88)
3	FPH25448-S03SXXXXXXXXX0B	.200(5.08)	.300(7.62)	23	FPH25448-S23SXXXXXXXXX0B	2.200(55.88)	2.300(58.42)
4	FPH25448-S04SXXXXXXXXX0B	.300(7.62)	.400(10.16)	24	FPH25448-S24SXXXXXXXXX0B	2.300(58.42)	2.400(60.96)
5	FPH25448-S05SXXXXXXXXX0B	.400(10.16)	.500(12.70)	25	FPH25448-S25SXXXXXXXXX0B	2.400(60.96)	2.500(63.50)
6	FPH25448-S06SXXXXXXXXX0B	.500(12.70)	.600(15.24)	26	FPH25448-S26SXXXXXXXXX0B	2.500(63.50)	2.600(66.04)
7	FPH25448-S07SXXXXXXXXX0B	.600(15.24)	.700(17.78)	27	FPH25448-S27SXXXXXXXXX0B	2.600(66.04)	2.700(68.58)
8	FPH25448-S08SXXXXXXXXX0B	.700(17.78)	.800(20.32)	28	FPH25448-S28SXXXXXXXXX0B	2.700(68.58)	2.800(71.12)
9	FPH25448-S09SXXXXXXXXX0B	.800(20.32)	.900(22.86)	29	FPH25448-S29SXXXXXXXXX0B	2.800(71.12)	2.900(73.66)
10	FPH25448-S10SXXXXXXXXX0B	.900(22.86)	1.000(25.40)	30	FPH25448-S30SXXXXXXXXX0B	2.900(73.66)	3.000(76.20)
11	FPH25448-S11SXXXXXXXXX0B	1.000(25.40)	1.100(27.94)	31	FPH25448-S31SXXXXXXXXX0B	3.000(76.20)	3.100(78.74)
12	FPH25448-S12SXXXXXXXXX0B	1.100(27.94)	1.200(30.48)	32	FPH25448-S32SXXXXXXXXX0B	3.100(78.74)	3.200(81.28)
13	FPH25448-S13SXXXXXXXXX0B	1.200(30.48)	1.300(33.02)	33	FPH25448-S33SXXXXXXXXX0B	3.200(81.28)	3.300(83.82)
14	FPH25448-S14SXXXXXXXXX0B	1.300(33.02)	1.400(35.56)	34	FPH25448-S34SXXXXXXXXX0B	3.300(83.82)	3.400(86.36)
15	FPH25448-S15SXXXXXXXXX0B	1.400(35.56)	1.500(38.10)	35	FPH25448-S35SXXXXXXXXX0B	3.400(86.36)	3.500(88.90)
16	FPH25448-S16SXXXXXXXXX0B	1.500(38.10)	1.600(40.64)	36	FPH25448-S36SXXXXXXXXX0B	3.500(88.90)	3.600(91.44)
17	FPH25448-S17SXXXXXXXXX0B	1.600(40.64)	1.700(43.18)	37	FPH25448-S37SXXXXXXXXX0B	3.600(91.44)	3.700(93.98)
18	FPH25448-S18SXXXXXXXXX0B	1.700(43.18)	1.800(45.72)	38	FPH25448-S38SXXXXXXXXX0B	3.700(93.98)	3.800(96.52)
19	FPH25448-S19SXXXXXXXXX0B	1.800(45.72)	1.900(48.26)	39	FPH25448-S39SXXXXXXXXX0B	3.800(96.52)	3.900(99.06)
20	FPH25448-S20SXXXXXXXXX0B	1.900(48.26)	2.000(50.80)	40	FPH25448-S40SXXXXXXXXX0B	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25448-SXXSXXXXXXXXX0B	ITEM NO. FPH25448	 Building Technology Cornerstone	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5"	CHECKED BY	DATE	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		REV 1 SHEET NO. 3/3	
		X.X±.008(0.20)	.X'±2"	CHERRY	24/DEC/19				
		X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5"	ZOEY	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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