

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

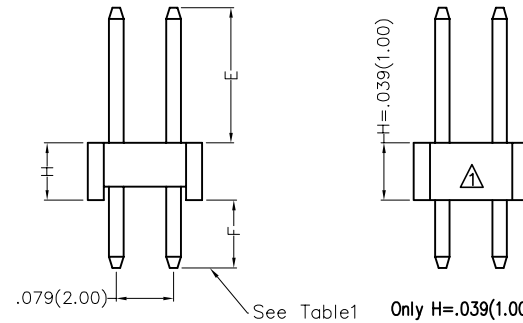
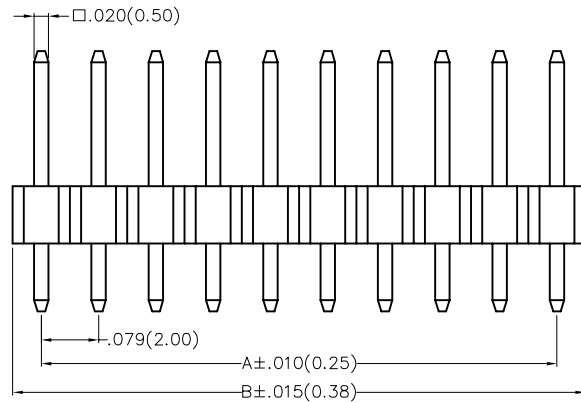
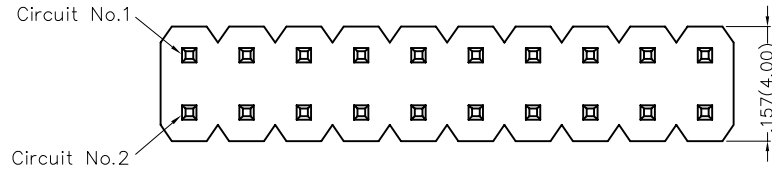
SPECIFICATIONS

Electrical

Current Rating: 2.0A 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

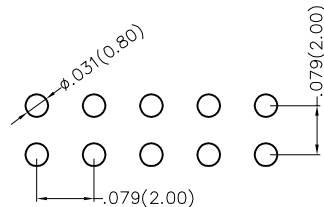
Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area



Ordering Information

FPH 200 47 — D XX S X XX X XX XX X 0 B
1 2 3 4 5 6 7 8 9 10 11 12 13

1	<u>Category</u> FPH—Pin Header	2	<u>Series Number</u> 200—Pitch2.00mm	3	<u>Distinction No.</u> 47	4	<u>Row Option</u> D—Doubel 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>E Size</u> 01,02...—Serial number (See Table1)	11	<u>F Size</u> 01,02...—Serial number (See Table1)	12	<u>H Size</u> 1,2...—Serial number (See Table1)	13	<u>Packaging</u> B—PE Bag		



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20047—DXXSXXXXXXXXX0B	ITEM NO. FPH20047	 Leader Of Industry		
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE	REV 1			SHEET NO. 1/3
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X"±2"	CHERRY	23/DEC/19	Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)				
		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	23/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
2	FPH20047-D02SXXXXXXXXX0B	—	.079(2.00)	42	FPH20047-D42SXXXXXXXXX0B	1.574(40.00)	1.654(42.00)
4	FPH20047-D04SXXXXXXXXX0B	.079(2.00)	.157(4.00)	44	FPH20047-D44SXXXXXXXXX0B	1.654(42.00)	1.732(44.00)
6	FPH20047-D06SXXXXXXXXX0B	.157(4.00)	.236(6.00)	46	FPH20047-D46SXXXXXXXXX0B	1.732(44.00)	1.811(46.00)
8	FPH20047-D08SXXXXXXXXX0B	.236(6.00)	.315(8.00)	48	FPH20047-D48SXXXXXXXXX0B	1.811(46.00)	1.890(48.00)
10	FPH20047-D10SXXXXXXXXX0B	.315(8.00)	.394(10.00)	50	FPH20047-D50SXXXXXXXXX0B	1.890(48.00)	1.969(50.00)
12	FPH20047-D12SXXXXXXXXX0B	.394(10.00)	.472(12.00)	52	FPH20047-D52SXXXXXXXXX0B	1.969(50.00)	2.047(52.00)
14	FPH20047-D14SXXXXXXXXX0B	.472(12.00)	.551(14.00)	54	FPH20047-D54SXXXXXXXXX0B	2.047(52.00)	2.126(54.00)
16	FPH20047-D16SXXXXXXXXX0B	.551(14.00)	.630(16.00)	56	FPH20047-D56SXXXXXXXXX0B	2.126(54.00)	2.205(56.00)
18	FPH20047-D18SXXXXXXXXX0B	.630(16.00)	.709(18.00)	58	FPH20047-D58SXXXXXXXXX0B	2.205(56.00)	2.283(58.00)
20	FPH20047-D20SXXXXXXXXX0B	.709(18.00)	.787(20.00)	60	FPH20047-D60SXXXXXXXXX0B	2.283(58.00)	2.362(60.00)
22	FPH20047-D22SXXXXXXXXX0B	.787(20.00)	.866(22.00)	62	FPH20047-D62SXXXXXXXXX0B	2.362(60.00)	2.441(62.00)
24	FPH20047-D24SXXXXXXXXX0B	.866(22.00)	.945(24.00)	64	FPH20047-D64SXXXXXXXXX0B	2.441(62.00)	2.520(64.00)
26	FPH20047-D26SXXXXXXXXX0B	.945(24.00)	1.024(26.00)	66	FPH20047-D66SXXXXXXXXX0B	2.520(64.00)	2.598(66.00)
28	FPH20047-D28SXXXXXXXXX0B	1.024(26.00)	1.102(28.00)	68	FPH20047-D68SXXXXXXXXX0B	2.598(66.00)	2.677(68.00)
30	FPH20047-D30SXXXXXXXXX0B	1.102(28.00)	1.181(30.00)	70	FPH20047-D70SXXXXXXXXX0B	2.677(68.00)	2.756(70.00)
32	FPH20047-D32SXXXXXXXXX0B	1.181(30.00)	1.260(32.00)	72	FPH20047-D72SXXXXXXXXX0B	2.756(70.00)	2.835(72.00)
34	FPH20047-D34SXXXXXXXXX0B	1.260(32.00)	1.339(34.00)	74	FPH20047-D74SXXXXXXXXX0B	2.835(72.00)	2.913(74.00)
36	FPH20047-D36SXXXXXXXXX0B	1.339(34.00)	1.417(36.00)	76	FPH20047-D76SXXXXXXXXX0B	2.913(74.00)	2.992(76.00)
38	FPH20047-D38SXXXXXXXXX0B	1.417(36.00)	1.496(38.00)	78	FPH20047-D78SXXXXXXXXX0B	2.992(76.00)	3.071(78.00)
40	FPH20047-D40SXXXXXXXXX0B	1.496(38.00)	1.574(40.00)	80	FPH20047-D80SXXXXXXXXX0B	3.071(78.00)	3.150(80.00)

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		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(DIP)	REV 1		
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2"	DRAWN BY ZOEY	DATE 23/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"						
		X.XXX±.004(0.10)	.XXX±0.5°						
SCALE 5:1	SIZE A4								

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