

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

**SPECIFICATIONS**

**Electrical**

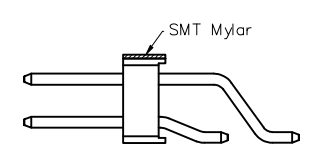
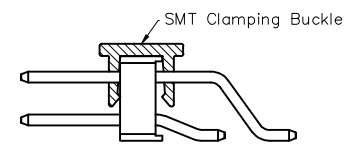
Current Rating: 2.0A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 20 mΩ Max  
Insulation Resistance: 1000 MΩ Min  
Withstanding Voltage: 600V AC r.m.s  
Temperature Range-Operating: -40°C~+125°C

**Material**

Housing: PA9T (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

Packaging: M-Reel(With Cap)

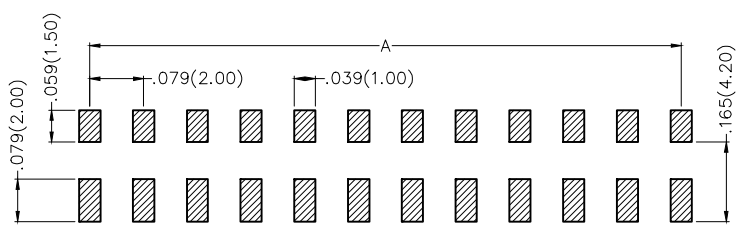
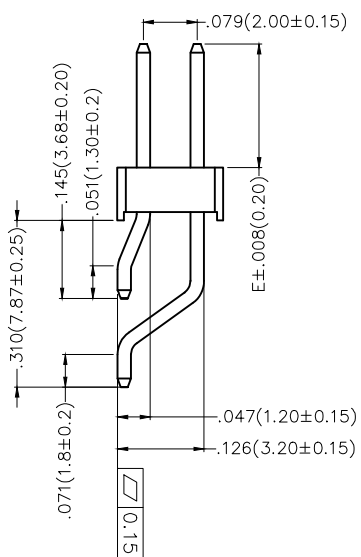
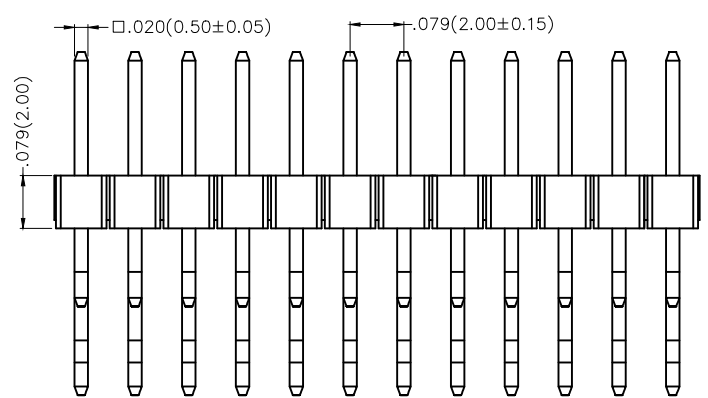
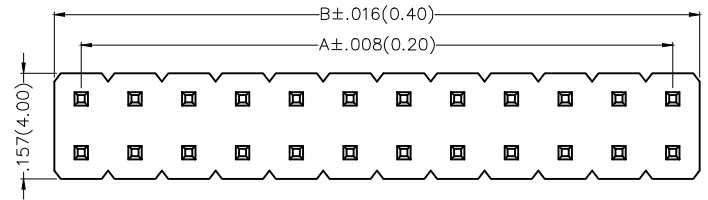
Packaging: M1-Reel(With Mylar)



**Ordering Information**

FPH 200 64 - D XX B X XX 5 XX 00 00 X  
1 2 3 4 5 6 7 8 9 10 11

1 <u>Category</u> FPH-Pin Header	2 <u>Series Number</u> 200-Pitch 2.00mm	3 <u>Distinction No.</u> 64	4 <u>Row Option</u> D-Double Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> B-90° Angle
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> 5-PA9T	10 <u>E Size</u> 01,02...-Serial number (See Table1)	11 <u>Packaging</u> M-Reel(With Cap) W-Reel(With Mylar)	



Recommended P.C.Board Layout

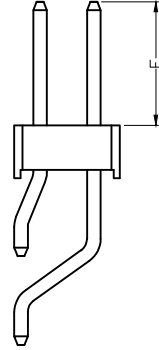
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20064-DXXBXX5XX0000X	ITEM NO. FPH20064	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5°	CHECKED BY KATE	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(SMT)		
DESIGN UNITS 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		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)					
		X.XXX±.004(0.10)					

1 2 3 4 5 6 7 8

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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)	36	



A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

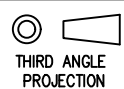

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20064--DXXBXXX5XX0000X	ITEM NO. FPH20064	<p>Leader Of Industry</p>
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SCALE 5:1	SIZE A4	X.X±.008(0.20)	X.±2'	DRAWN BY ZOEY	DATE 23/DEC/19	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'			REV 0	SHEET NO. 2/3
		X.XXX±.004(0.10)	.XXX±0.5'				

1 2 3 4 5 6 7 8

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20064-D02BXXX5XX0000X	—	.079(2.00)	42	FPH20064-D42BXXX5XX0000X	1.574(40.00)	1.654(42.00)
4	FPH20064-D04BXXX5XX0000X	.079(2.00)	.157(4.00)	44	FPH20064-D44BXXX5XX0000X	1.654(42.00)	1.732(44.00)
6	FPH20064-D06BXXX5XX0000X	.157(4.00)	.236(6.00)	46	FPH20064-D46BXXX5XX0000X	1.732(44.00)	1.811(46.00)
8	FPH20064-D08BXXX5XX0000X	.236(6.00)	.315(8.00)	48	FPH20064-D48BXXX5XX0000X	1.811(46.00)	1.890(48.00)
10	FPH20064-D10BXXX5XX0000X	.315(8.00)	.394(10.00)	50	FPH20064-D50BXXX5XX0000X	1.890(48.00)	1.969(50.00)
12	FPH20064-D12BXXX5XX0000X	.394(10.00)	.472(12.00)	52	FPH20064-D52BXXX5XX0000X	1.969(50.00)	2.047(52.00)
14	FPH20064-D14BXXX5XX0000X	.472(12.00)	.551(14.00)	54	FPH20064-D54BXXX5XX0000X	2.047(52.00)	2.126(54.00)
16	FPH20064-D16BXXX5XX0000X	.551(14.00)	.630(16.00)	56	FPH20064-D56BXXX5XX0000X	2.126(54.00)	2.205(56.00)
18	FPH20064-D18BXXX5XX0000X	.630(16.00)	.709(18.00)	58	FPH20064-D58BXXX5XX0000X	2.205(56.00)	2.283(58.00)
20	FPH20064-D20BXXX5XX0000X	.709(18.00)	.787(20.00)	60	FPH20064-D60BXXX5XX0000X	2.283(58.00)	2.362(60.00)
22	FPH20064-D22BXXX5XX0000X	.787(20.00)	.866(22.00)	62	FPH20064-D62BXXX5XX0000X	2.362(60.00)	2.441(62.00)
24	FPH20064-D24BXXX5XX0000X	.866(22.00)	.945(24.00)	64	FPH20064-D64BXXX5XX0000X	2.441(62.00)	2.520(64.00)
26	FPH20064-D26BXXX5XX0000X	.945(24.00)	1.024(26.00)	66	FPH20064-D66BXXX5XX0000X	2.520(64.00)	2.598(66.00)
28	FPH20064-D28BXXX5XX0000X	1.024(26.00)	1.102(28.00)	68	FPH20064-D68BXXX5XX0000X	2.598(66.00)	2.677(68.00)
30	FPH20064-D30BXXX5XX0000X	1.102(28.00)	1.181(30.00)	70	FPH20064-D70BXXX5XX0000X	2.677(68.00)	2.756(70.00)
32	FPH20064-D32BXXX5XX0000X	1.181(30.00)	1.260(32.00)	72	FPH20064-D72BXXX5XX0000X	2.756(70.00)	2.835(72.00)
34	FPH20064-D34BXXX5XX0000X	1.260(32.00)	1.339(34.00)	74	FPH20064-D74BXXX5XX0000X	2.835(72.00)	2.913(74.00)
36	FPH20064-D36BXXX5XX0000X	1.339(34.00)	1.417(36.00)	76	FPH20064-D76BXXX5XX0000X	2.913(74.00)	2.992(76.00)
38	FPH20064-D38BXXX5XX0000X	1.417(36.00)	1.496(38.00)	78	FPH20064-D78BXXX5XX0000X	2.992(76.00)	3.071(78.00)
40	FPH20064-D40BXXX5XX0000X	1.496(38.00)	1.574(40.00)	80	FPH20064-D80BXXX5XX0000X	3.071(78.00)	3.150(80.00)

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