

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	7/Mar/25	NICK	LEO

SPECIFICATIONS

Electrical

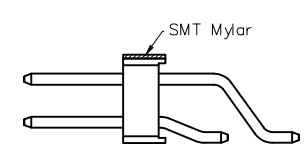
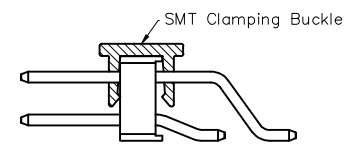
Current Rating: 2.0A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 600V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

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

Packaging: M-Reel(With Cap)

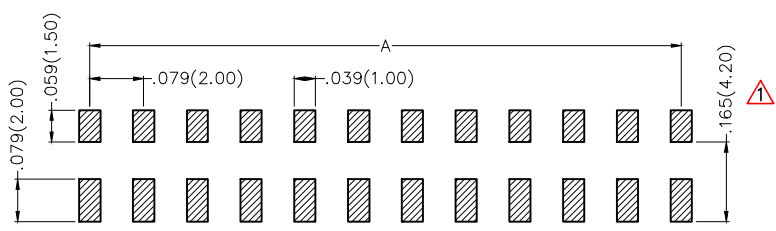
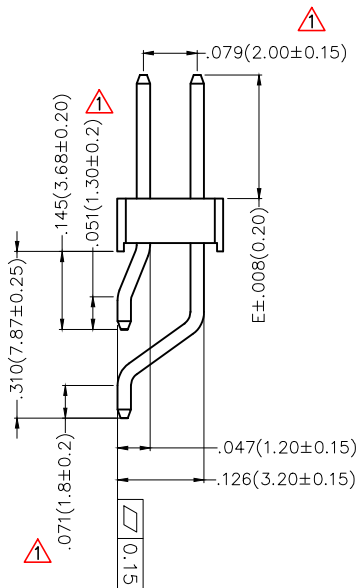
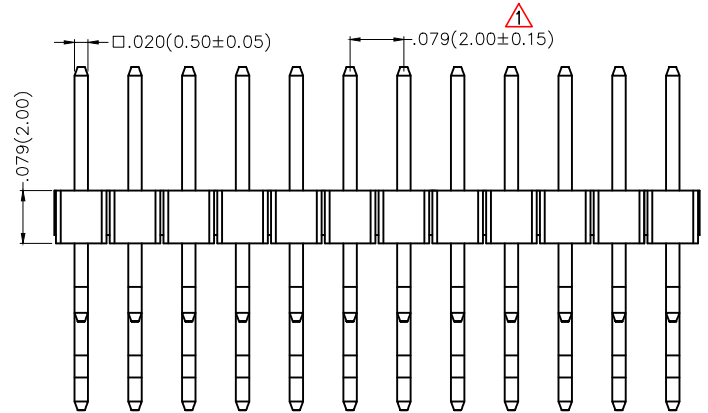
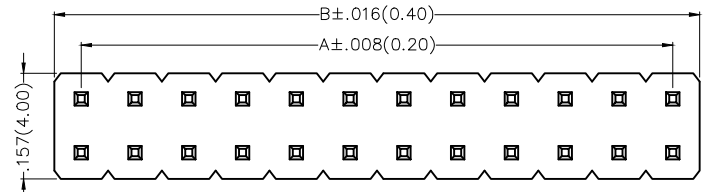
Packaging: M1-Reel(With Mylar)




Ordering Information

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

1 Category FPH-Pin Header	2 Series Number 200-Pitch2.00mm	3 Distinction No. 64	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle B=90° Angle
7 Plating 1-Gold plated 7-Selective gold plated on contact area and matte tin plated on tails area	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 3-LCP 4-PA6T	10 E Size 01,02...-Serial number (See Table1)	11 Packaging M-Reel(With Cap) W-Reel(With Mylar)	



Recommended P.C.Board Layout

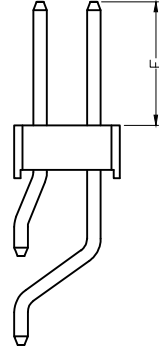
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20064-DXXBXXXXXX0000X	ITEM NO. FPH20064	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY KATE	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(SMT)	
SCALE 5:1	SIZE A4		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		

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	



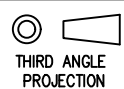

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/DEC/19	PART NO. FPH20064-DXXBXXXXXX0000X	ITEM NO. FPH20064	<p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY KATE	DATE 23/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(SMT)	
SCALE 5:1	SIZE A4	X.XX±.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 1	SHEET NO. 2/3
		X.XXX±.004(0.10)	.XXX±0.5'				

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH20064-D02BXXXXX0000X	—	.079(2.00)	42	FPH20064-D42BXXXXX0000X	1.574(40.00)	1.654(42.00)
4	FPH20064-D04BXXXXX0000X	.079(2.00)	.157(4.00)	44	FPH20064-D44BXXXXX0000X	1.654(42.00)	1.732(44.00)
6	FPH20064-D06BXXXXX0000X	.157(4.00)	.236(6.00)	46	FPH20064-D46BXXXXX0000X	1.732(44.00)	1.811(46.00)
8	FPH20064-D08BXXXXX0000X	.236(6.00)	.315(8.00)	48	FPH20064-D48BXXXXX0000X	1.811(46.00)	1.890(48.00)
10	FPH20064-D10BXXXXX0000X	.315(8.00)	.394(10.00)	50	FPH20064-D50BXXXXX0000X	1.890(48.00)	1.969(50.00)
12	FPH20064-D12BXXXXX0000X	.394(10.00)	.472(12.00)	52	FPH20064-D52BXXXXX0000X	1.969(50.00)	2.047(52.00)
14	FPH20064-D14BXXXXX0000X	.472(12.00)	.551(14.00)	54	FPH20064-D54BXXXXX0000X	2.047(52.00)	2.126(54.00)
16	FPH20064-D16BXXXXX0000X	.551(14.00)	.630(16.00)	56	FPH20064-D56BXXXXX0000X	2.126(54.00)	2.205(56.00)
18	FPH20064-D18BXXXXX0000X	.630(16.00)	.709(18.00)	58	FPH20064-D58BXXXXX0000X	2.205(56.00)	2.283(58.00)
20	FPH20064-D20BXXXXX0000X	.709(18.00)	.787(20.00)	60	FPH20064-D60BXXXXX0000X	2.283(58.00)	2.362(60.00)
22	FPH20064-D22BXXXXX0000X	.787(20.00)	.866(22.00)	62	FPH20064-D62BXXXXX0000X	2.362(60.00)	2.441(62.00)
24	FPH20064-D24BXXXXX0000X	.866(22.00)	.945(24.00)	64	FPH20064-D64BXXXXX0000X	2.441(62.00)	2.520(64.00)
26	FPH20064-D26BXXXXX0000X	.945(24.00)	1.024(26.00)	66	FPH20064-D66BXXXXX0000X	2.520(64.00)	2.598(66.00)
28	FPH20064-D28BXXXXX0000X	1.024(26.00)	1.102(28.00)	68	FPH20064-D68BXXXXX0000X	2.598(66.00)	2.677(68.00)
30	FPH20064-D30BXXXXX0000X	1.102(28.00)	1.181(30.00)	70	FPH20064-D70BXXXXX0000X	2.677(68.00)	2.756(70.00)
32	FPH20064-D32BXXXXX0000X	1.181(30.00)	1.260(32.00)	72	FPH20064-D72BXXXXX0000X	2.756(70.00)	2.835(72.00)
34	FPH20064-D34BXXXXX0000X	1.260(32.00)	1.339(34.00)	74	FPH20064-D74BXXXXX0000X	2.835(72.00)	2.913(74.00)
36	FPH20064-D36BXXXXX0000X	1.339(34.00)	1.417(36.00)	76	FPH20064-D76BXXXXX0000X	2.913(74.00)	2.992(76.00)
38	FPH20064-D38BXXXXX0000X	1.417(36.00)	1.496(38.00)	78	FPH20064-D78BXXXXX0000X	2.992(76.00)	3.071(78.00)
40	FPH20064-D40BXXXXX0000X	1.496(38.00)	1.574(40.00)	80	FPH20064-D80BXXXXX0000X	3.071(78.00)	3.150(80.00)

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