

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

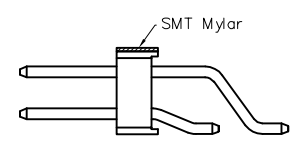
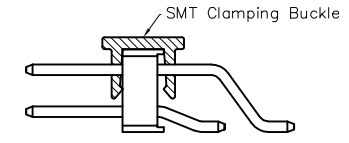
Current Rating: 2.0A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 600V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

Material

Housing: Glass Filled Polyester (UL 94V-0), Color: Black
Pin: Brass
Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail

Packaging: M-Reel(With Cap)

Packaging: M1-Reel(With Mylar)

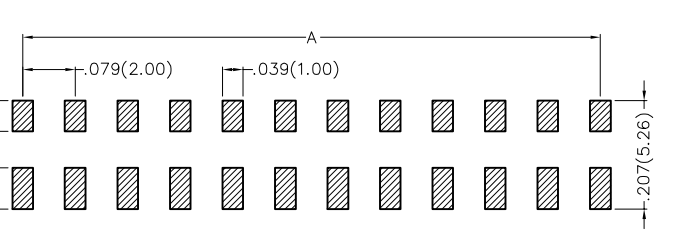
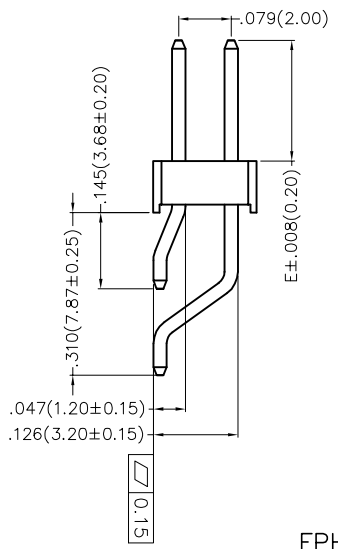
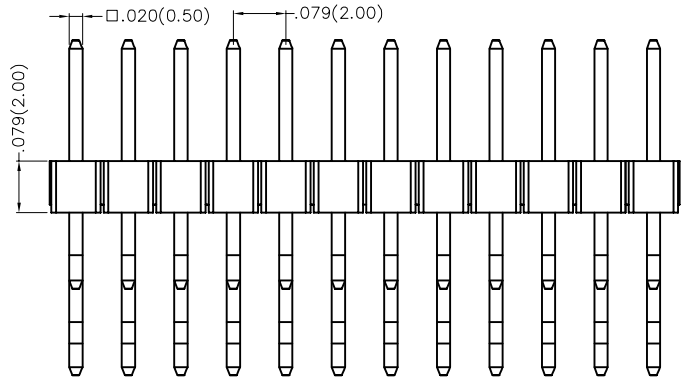
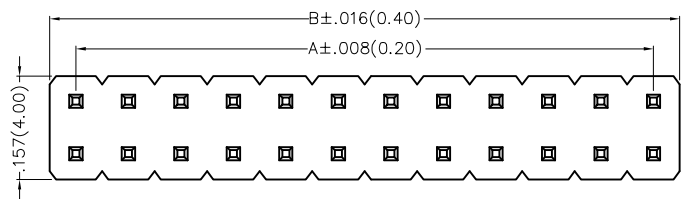


Ordering Information

FPH 200 05 - D XX B X XX X XX 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. 05	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 3-LCP 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging M-Reel(With Cap) M1-Reel(With Mylar)	

1 2 3 4 5 6 7 8



Recommended P.C.Board Layout



1 2 3 4

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FPH20005-DXXBXXXXXX	ITEM NO. FPH20005	 Leader Of Industry
	X.±.012(0.30)	X'.±5'	CHECKED BY KATE	DATE 18/JUN/13	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 CHERRY	DATE 18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0
SCALE 5:1	SIZE A4	X.XX±.006(0.15)					SHEET NO. 1/3
		X.XXX±.004(0.10)					

4 5 6 7 8

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	FPH20005-D02BXXXXXXXX	—	.079(2.00)	42	FPH20005-D42BXXXXXXXX	1.574(40.00)	1.654(42.00)
4	FPH20005-D04BXXXXXXXX	.079(2.00)	.157(4.00)	44	FPH20005-D44BXXXXXXXX	1.654(42.00)	1.732(44.00)
6	FPH20005-D06BXXXXXXXX	.157(4.00)	.236(6.00)	46	FPH20005-D46BXXXXXXXX	1.732(44.00)	1.811(46.00)
8	FPH20005-D08BXXXXXXXX	.236(6.00)	.315(8.00)	48	FPH20005-D48BXXXXXXXX	1.811(46.00)	1.890(48.00)
10	FPH20005-D10BXXXXXXXX	.315(8.00)	.394(10.00)	50	FPH20005-D50BXXXXXXXX	1.890(48.00)	1.969(50.00)
12	FPH20005-D12BXXXXXXXX	.394(10.00)	.472(12.00)	52	FPH20005-D52BXXXXXXXX	1.969(50.00)	2.047(52.00)
14	FPH20005-D14BXXXXXXXX	.472(12.00)	.551(14.00)	54	FPH20005-D54BXXXXXXXX	2.047(52.00)	2.126(54.00)
16	FPH20005-D16BXXXXXXXX	.551(14.00)	.630(16.00)	56	FPH20005-D56BXXXXXXXX	2.126(54.00)	2.205(56.00)
18	FPH20005-D18BXXXXXXXX	.630(16.00)	.709(18.00)	58	FPH20005-D58BXXXXXXXX	2.205(56.00)	2.283(58.00)
20	FPH20005-D20BXXXXXXXX	.709(18.00)	.787(20.00)	60	FPH20005-D60BXXXXXXXX	2.283(58.00)	2.362(60.00)
22	FPH20005-D22BXXXXXXXX	.787(20.00)	.866(22.00)	62	FPH20005-D62BXXXXXXXX	2.362(60.00)	2.441(62.00)
24	FPH20005-D24BXXXXXXXX	.866(22.00)	.945(24.00)	64	FPH20005-D64BXXXXXXXX	2.441(62.00)	2.520(64.00)
26	FPH20005-D26BXXXXXXXX	.945(24.00)	1.024(26.00)	66	FPH20005-D66BXXXXXXXX	2.520(64.00)	2.598(66.00)
28	FPH20005-D28BXXXXXXXX	1.024(26.00)	1.102(28.00)	68	FPH20005-D68BXXXXXXXX	2.598(66.00)	2.677(68.00)
30	FPH20005-D30BXXXXXXXX	1.102(28.00)	1.181(30.00)	70	FPH20005-D70BXXXXXXXX	2.677(68.00)	2.756(70.00)
32	FPH20005-D32BXXXXXXXX	1.181(30.00)	1.260(32.00)	72	FPH20005-D72BXXXXXXXX	2.756(70.00)	2.835(72.00)
34	FPH20005-D34BXXXXXXXX	1.260(32.00)	1.339(34.00)	74	FPH20005-D74BXXXXXXXX	2.835(72.00)	2.913(74.00)
36	FPH20005-D36BXXXXXXXX	1.339(34.00)	1.417(36.00)	76	FPH20005-D76BXXXXXXXX	2.913(74.00)	2.992(76.00)
38	FPH20005-D38BXXXXXXXX	1.417(36.00)	1.496(38.00)	78	FPH20005-D78BXXXXXXXX	2.992(76.00)	3.071(78.00)
40	FPH20005-D40BXXXXXXXX	1.496(38.00)	1.574(40.00)	80	FPH20005-D80BXXXXXXXX	3.071(78.00)	3.150(80.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/JUN/16	PART NO. FPH20005-DXXXBXXXXXXXX	ITEM NO. FPH20005	 Leader Of Industry		
	X.±.012(0.30)	X.±5'	CHECKED BY KATE	DATE 21/JUN/16	TITLE Board to Board(Pin Header) Pitch 2.00mm 90° Angle(SMT)			REV 0	SHEET NO. 3/3
	X.XX±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 21/JUN/16	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'							
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'						