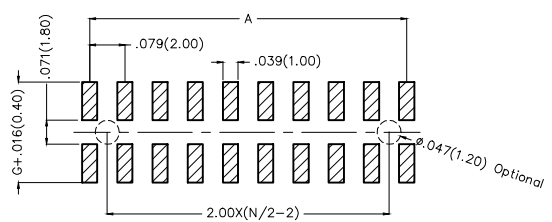
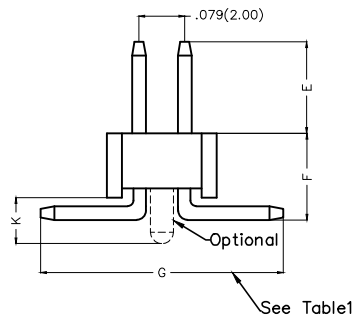
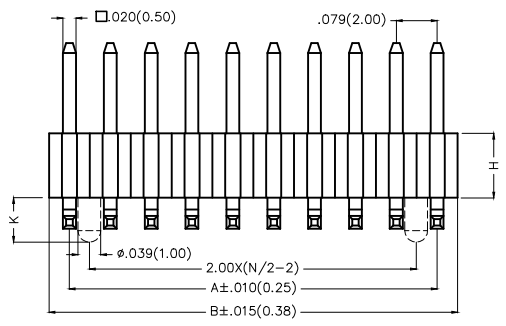
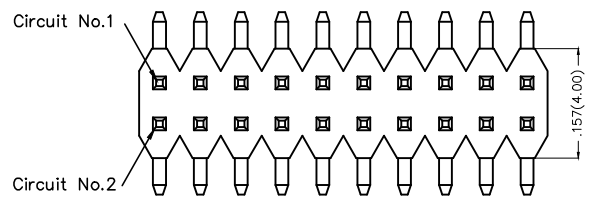


REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

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, tin on tail



Recommended P.C.Board Layout

Ordering Information

FPH 200 S2 - D XX S X XX 4 XX X X
 1 2 3 4 5 6 7 8 9 10 11 12

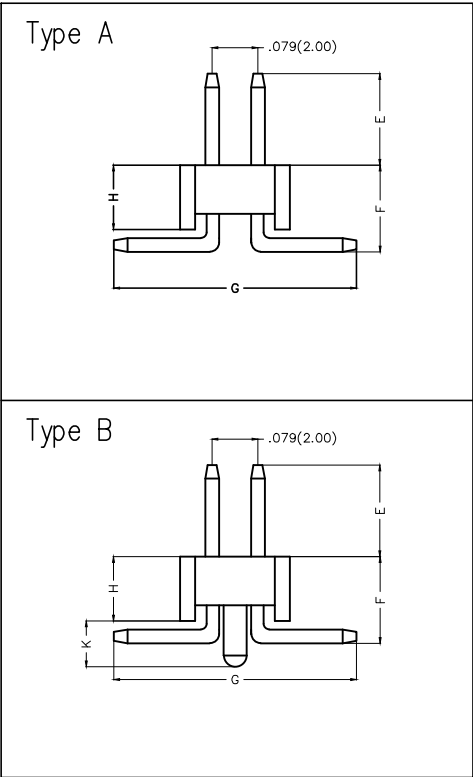
1 Category FPH-Pin Header	2 Series Number 200-Pitch 2.00mm	3 Distinction No. S2	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold plated 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging M-Reel L-Tube	12 Type A-W/O Column B-With Column

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.±5' X.X±.008(0.20) .X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK DATE 25/JUN/13	PART NO. FPH200S2-DXXSXXX4XXXX ITEM NO. FPH200S2	<p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric)	CHECKED BY CHERRY DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)	REV 0 SHEET NO. 1/3	
SCALE 5:1	SIZE A4	DRAWN BY JACOB DATE 25/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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

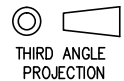

Serial number	Dimensions(in/mm)					Type	Canceled Circuits	Note
	E	F	G	H	K			
01	.451(11.45)	.128(3.25)	.260(6.60)	.079(2.00)	.047(1.20)	B	——	
02	.453(11.50)	.128(3.25)	.260(6.60)	.079(2.00)	——	A	——	
03	.085(2.15)	.098(2.50)	.260(6.60)	.079(2.00)	——	A	——	
04	.150(3.80)	.098(2.50)	.236(6.00)	.079(2.00)	.047(1.20)	A/B	——	
05	.150(3.80)	.098(2.50)	.236(6.00)	.079(2.00)	——	A	No.2	Only 3, 10Circuits
06								
07	.157(4.00)	.118(3.00)	.252(6.40)	.079(2.00)	.087(2.20)	A/B	——	
08	.150(3.80)	.098(2.50)	.256(6.50)	.079(2.00)	——	A	——	
09	.157(4.00)	.079(2.00)	.236(6.50)	.059(1.50)	——	A	——	
10	.150(3.80)	.098(2.50)	.236(6.00)	.079(2.00)	.087(2.20)	B	——	
11	.157(4.00)	.118(3.00)	.252(6.40)	.079(2.00)	.087(2.20)	B	——	
12	.157(4.00)	.098(2.50)	.256(6.50)	.079(2.00)	.087(2.20)	A/B	——	
13	.138(3.50)	.098(2.50)	.260(6.60)	.079(2.00)	——	A	——	
14	.157(4.00)	.118(3.00)	.252(6.40)	.079(2.00)	——	A	No.15	Only 16Circuits
15	.079(2.00)	.059(1.50)	.244(6.20)	.039(1.00)	.063(1.60)	B	——	
16	.165(4.20)	.098(2.50)	.236(6.00)	.079(2.00)	.047(1.20)	B	——	
17	.118(3.00)	.177(4.50)	.236(6.00)	.079(2.00)	.047(1.20)	B	——	
18	.157(4.00)	.130(3.30)	.256(6.50)	.079(2.00)	.047(1.20)	B	——	
19	.150(3.80)	.106(2.70)	.217(5.50)	.059(1.50)	——	A	——	
20	.098(2.50)	.098(2.50)	.291(7.40)	.079(2.00)	——	A	——	
21	.079(2.00)	.079(2.00)	.236(6.50)	.059(1.50)	.047(1.20)	A/B	——	
22	.079(2.00)	.091(2.30)	.236(6.50)	.059(1.50)	.047(1.20)	A/B	——	
23	.079(2.00)	.106(2.70)	.236(6.50)	.079(2.00)	.087(2.20)	A/B	——	
24								
25	.236(6.00)	.098(2.50)	.236(6.00)	.079(2.00)	.047(1.20)	A/B	——	
26	.197(5.00)	.098(2.50)	.268(6.80)	.079(2.00)	.047(1.20)	A/B	——	
27	.163(4.15)	.098(2.50)	.268(6.80)	.079(2.00)	.047(1.20)	A/B	——	
28	.276(7.00)	.098(2.50)	.268(6.80)	.079(2.00)	.047(1.20)	A/B	——	
29	.354(9.00)	.098(2.50)	.268(6.80)	.079(2.00)	.047(1.20)	A/B	——	
30	.118(3.00)	.098(2.50)	.236(6.50)	.079(2.00)	.047(1.20)	A/B	——	
31	.197(5.00)	.157(4.00)	.260(6.60)	.079(2.00)	——	A	——	



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH200S2-DXXSXXX4XXXX	ITEM NO. FPH200S2	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	.X'±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY JACOB	DATE 25/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	
		X.XXX±.004(0.10)	.XXX±0.5'			REV 0	SHEET NO. 2/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FPH200S2-D04SXXX4XXXX	.079(2.00)	.157(4.00)	44	FPH200S2-D44SXXX4XXXX	1.654(42.00)	1.732(44.00)
6	FPH200S2-D06SXXX4XXXX	.157(4.00)	.236(6.00)	46	FPH200S2-D46SXXX4XXXX	1.732(44.00)	1.811(46.00)
8	FPH200S2-D08SXXX4XXXX	.236(6.00)	.315(8.00)	48	FPH200S2-D48SXXX4XXXX	1.811(46.00)	1.890(48.00)
10	FPH200S2-D10SXXX4XXXX	.315(8.00)	.394(10.00)	50	FPH200S2-D50SXXX4XXXX	1.890(48.00)	1.969(50.00)
12	FPH200S2-D12SXXX4XXXX	.394(10.00)	.472(12.00)	52	FPH200S2-D52SXXX4XXXX	1.969(50.00)	2.047(52.00)
14	FPH200S2-D14SXXX4XXXX	.472(12.00)	.551(14.00)	54	FPH200S2-D54SXXX4XXXX	2.047(52.00)	2.126(54.00)
16	FPH200S2-D16SXXX4XXXX	.551(14.00)	.630(16.00)	56	FPH200S2-D56SXXX4XXXX	2.126(54.00)	2.205(56.00)
18	FPH200S2-D18SXXX4XXXX	.630(16.00)	.709(18.00)	58	FPH200S2-D58SXXX4XXXX	2.205(56.00)	2.283(58.00)
20	FPH200S2-D20SXXX4XXXX	.709(18.00)	.787(20.00)	60	FPH200S2-D60SXXX4XXXX	2.283(58.00)	2.362(60.00)
22	FPH200S2-D22SXXX4XXXX	.787(20.00)	.866(22.00)	62	FPH200S2-D62SXXX4XXXX	2.362(60.00)	2.441(62.00)
24	FPH200S2-D24SXXX4XXXX	.866(22.00)	.945(24.00)	64	FPH200S2-D64SXXX4XXXX	2.441(62.00)	2.520(64.00)
26	FPH200S2-D26SXXX4XXXX	.945(24.00)	1.024(26.00)	66	FPH200S2-D66SXXX4XXXX	2.520(64.00)	2.598(66.00)
28	FPH200S2-D28SXXX4XXXX	1.024(26.00)	1.102(28.00)	68	FPH200S2-D68SXXX4XXXX	2.598(66.00)	2.677(68.00)
30	FPH200S2-D30SXXX4XXXX	1.102(28.00)	1.181(30.00)	70	FPH200S2-D70SXXX4XXXX	2.677(68.00)	2.756(70.00)
32	FPH200S2-D32SXXX4XXXX	1.181(30.00)	1.260(32.00)	72	FPH200S2-D72SXXX4XXXX	2.756(70.00)	2.835(72.00)
34	FPH200S2-D34SXXX4XXXX	1.260(32.00)	1.339(34.00)	74	FPH200S2-D74SXXX4XXXX	2.835(72.00)	2.913(74.00)
36	FPH200S2-D36SXXX4XXXX	1.339(34.00)	1.417(36.00)	76	FPH200S2-D76SXXX4XXXX	2.913(74.00)	2.992(76.00)
38	FPH200S2-D38SXXX4XXXX	1.417(36.00)	1.496(38.00)	78	FPH200S2-D78SXXX4XXXX	2.992(76.00)	3.071(78.00)
40	FPH200S2-D40SXXX4XXXX	1.496(38.00)	1.574(40.00)	80	FPH200S2-D80SXXX4XXXX	3.071(78.00)	3.150(80.00)
42	FPH200S2-D42SXXX4XXXX	1.574(40.00)	1.654(42.00)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH200S2-DXXSXXX4XXXX	ITEM NO. FPH200S2	 Leader Of Industry		
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5' .X'±2'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.00mm 180° Vertical(SMT)		REV 0	SHEET NO. 3/3
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	DRAWN BY JACOB	DATE 25/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			