

1 2 3 4 5 6 7 8

Dimensions(mm)	
H	H1+H2
2.00	1.00+1.00
2.50	1.00+1.50
≥ 3.00	1.50+1.50

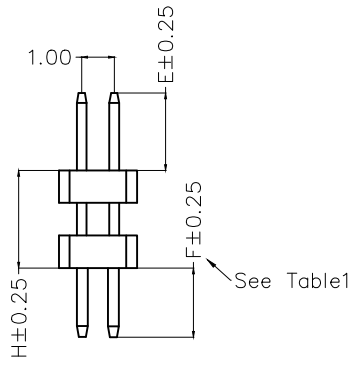
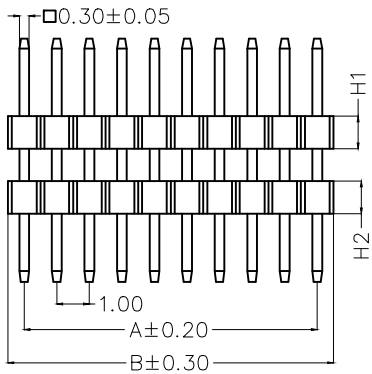
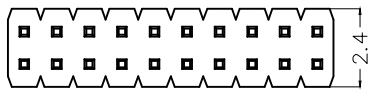


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update version	30/Mar/26	NICK	LEO

**SPECIFICATIONS**

**Electrical**  
 Current Rating:1.0A AC(rms)/DC  
 Voltage Rating:250V AC(rms)/DC  
 Contact Resistance:20mΩ Max  
 Insulation Resistance:1000 MΩ MIN  
 Withstanding Voltage:300V AC r.m.s  
 Temperature Range—Operating:−40°C~+105°C

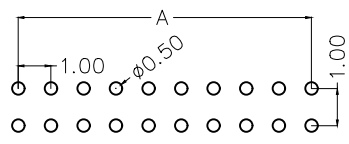
**Material**  
 Housing:Glass Filled Polyester( UL 94V-0) ,Colour:Black  
 Pin:Brass  
 Pin Plating: Gold plated



**Ordering Information**

FPH 100 43 - D XX S 1 XX 4 XX XX XX B  
 1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH-Pin Header	2 Series Number 100-Pitch1.00mm	3 Distinction No. 43	4 Row Option D-Double Row	5 Circuits XX	6 Entry Angle S-180° Vertical	7 Plating 1-Gold plated
8 Thickness of Plating 00-Gold flash 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 4-PA6T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 H Size 01,02...-Serial number (See Table1)	13 Packaging B-Bag	



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY LEO</p>	<p>DATE 30/MAY/23</p>	<p>PART NO. FPH10043-DXXS1XX4XXXXXXB</p>	<p>ITEM NO. FPH10043</p>	<p>Building Technology Cornerstone</p>
	<p>X. ±0.30</p>	<p>X.* ±5°</p>	<p>CHECKED BY GISELLE</p>	<p>DATE 30/MAY/23</p>	<p>TITLE Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(DIP)</p>		
<p>DESIGN UNITS METRIC(mm)</p>	<p>X.X ±0.20</p>	<p>X.X* ±2°</p>	<p>DRAWN BY NICK</p>	<p>DATE 30/MAY/23</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>		
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX ±0.15</p>					
		<p>X.XXX ±0.10</p>					

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

Table1

B

B

C

C

D

D

E

E

F

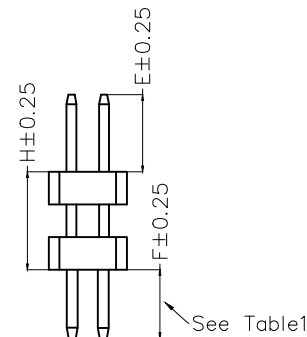
F

Serial number	Dimensions(mm) E
01	1.50
02	1.75
03	2.00
04	2.25
05	2.50
06	2.75
07	3.00
08	3.25
09	3.50
10	3.75
11	4.00
12	4.25
13	4.50
14	4.75
15	5.00
16	5.25
17	5.50
18	5.75
19	6.00

Serial number	Dimensions(mm) F
01	1.50
02	1.75
03	2.00
04	2.25
05	2.50
06	2.75
07	3.00
08	3.25
09	3.50
10	3.75
11	4.00
12	4.25
13	4.50
14	4.75
15	5.00
16	5.25
17	5.50
18	5.75
19	6.00

Serial number	Dimensions(mm) H
01	2.00
02	2.50
03	3.00
04	3.50
05	4.00
06	4.50
07	5.00
08	5.50
09	6.00
10	6.50
11	7.00
12	7.50
13	8.00
14	8.50
15	9.00
16	9.50
17	10.00

PIN: Selection long not exceed 15mm



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.* ±5°	LEO	30/MAY/23	FPH10043-DXXS1XX4XXXXXXB	FPH10043		
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X* ±2°	CHECKED BY	DATE	TITLE		
	SCALE 5:1	X.XX ±0.15	X.XX* ±1°	GISELLE	30/MAY/23	Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(DIP)		
SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°	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		REV 1	SHEET NO. 2/3
			NICK	30/MAY/23				

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVSER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(mm)		Circuits (n)	Part No.	Dimensions(mm)	
		A	B			A	B
4	FPH10043-D04S1XX4XXXXXXB	1.00	2.00	44	FPH10043-D44S1XX4XXXXXXB	21.00	22.00
6	FPH10043-D06S1XX4XXXXXXB	2.00	3.00	46	FPH10043-D46S1XX4XXXXXXB	22.00	23.00
8	FPH10043-D08S1XX4XXXXXXB	3.00	4.00	48	FPH10043-D48S1XX4XXXXXXB	23.00	24.00
10	FPH10043-D10S1XX4XXXXXXB	4.00	5.00	50	FPH10043-D50S1XX4XXXXXXB	24.00	25.00
12	FPH10043-D12S1XX4XXXXXXB	5.00	6.00	52	FPH10043-D52S1XX4XXXXXXB	25.00	26.00
14	FPH10043-D14S1XX4XXXXXXB	6.00	7.00	54	FPH10043-D54S1XX4XXXXXXB	26.00	27.00
16	FPH10043-D16S1XX4XXXXXXB	7.00	8.00	56	FPH10043-D56S1XX4XXXXXXB	27.00	28.00
18	FPH10043-D18S1XX4XXXXXXB	8.00	9.00	58	FPH10043-D58S1XX4XXXXXXB	28.00	29.00
20	FPH10043-D20S1XX4XXXXXXB	9.00	10.00	60	FPH10043-D60S1XX4XXXXXXB	29.00	30.00
22	FPH10043-D22S1XX4XXXXXXB	10.00	11.00	62	FPH10043-D62S1XX4XXXXXXB	30.00	31.00
24	FPH10043-D24S1XX4XXXXXXB	11.00	12.00	64	FPH10043-D64S1XX4XXXXXXB	31.00	32.00
26	FPH10043-D26S1XX4XXXXXXB	12.00	13.00	66	FPH10043-D66S1XX4XXXXXXB	32.00	33.00
28	FPH10043-D28S1XX4XXXXXXB	13.00	14.00	68	FPH10043-D68S1XX4XXXXXXB	33.00	34.00
30	FPH10043-D30S1XX4XXXXXXB	14.00	15.00	70	FPH10043-D70S1XX4XXXXXXB	34.00	35.00
32	FPH10043-D32S1XX4XXXXXXB	15.00	16.00	72	FPH10043-D72S1XX4XXXXXXB	35.00	36.00
34	FPH10043-D34S1XX4XXXXXXB	16.00	17.00	74	FPH10043-D74S1XX4XXXXXXB	36.00	37.00
36	FPH10043-D36S1XX4XXXXXXB	17.00	18.00	76	FPH10043-D76S1XX4XXXXXXB	37.00	38.00
38	FPH10043-D38S1XX4XXXXXXB	18.00	19.00	78	FPH10043-D78S1XX4XXXXXXB	38.00	39.00
40	FPH10043-D40S1XX4XXXXXXB	19.00	20.00	80	FPH10043-D80S1XX4XXXXXXB	39.00	40.00
42	FPH10043-D42S1XX4XXXXXXB	20.00	21.00				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/MAY/23	PART NO. FPH10043-DXXS1XX4XXXXXXB	ITEM NO. FPH10043	 Building Technology Cornerstone	
	DESIGN UNITS METRIC(mm)	X.X ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 30/MAY/23	TITLE Board to Board(Pin Header) Pitch 1.00mm 180° Vertical(DIP)		REV 1
	SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	DRAWN BY NICK	DATE 30/MAY/23	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 ±0.10	X.XXX' ±0.5'				

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