

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

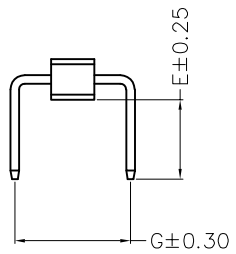
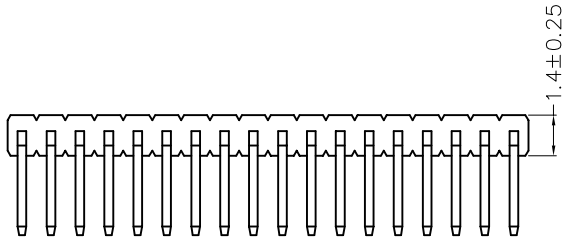
SPECIFICATIONS

Electrical

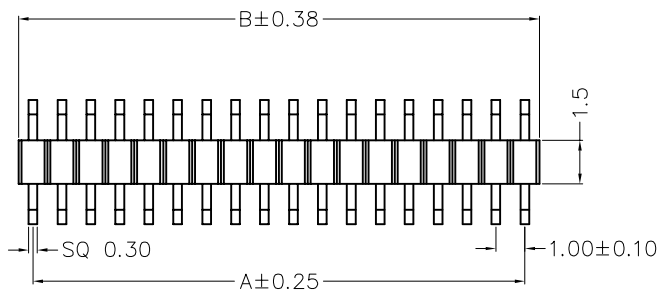
Current Rating: 1.0A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 300V AC r.m.s
 Temperature Range—Operating: -40°C~+105°C

Material and Plating

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



See Table1

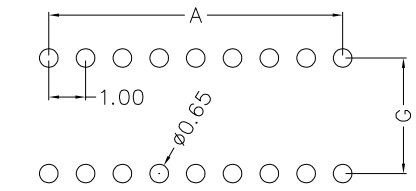


Ordering Information

FPH 100 40 - S XX B X XX X XX XX 00 B
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FPH—Pin Header	2 Series Number 100—Pitch1.00mm	3 Distinction No. 40	4 Row Option S—Single 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
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8 Thickness of Plating 00—Gold Flash 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 E Size 01,02...—Serial number (See Table1)	11 G Size 01,02...—Serial number (See Table1)	12 Packaging B—PE Bag
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Recommended P.C.Board Layout

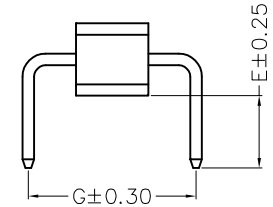
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FPH10040-SXXBXXXXXXXXX00B	ITEM NO. FPH10040	<p>Building Technology Cornerstone</p>
	X. ±0.30	X.' ±5°	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(DIP)		
DESIGN UNITS METRIC	X.X ±0.20	X.X' ±2°	DRAWN BY MATT	DATE 30/JAN/23	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 ±0.15	X.XX' ±1°				
		X.XXX ±0.10	X.XXX' ±0.5°				

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Table1

Serial number	Dimensions(mm) E	Serial numbe	Dimensions(mm) E
01	1.50	19	6.00
02	1.75	20	6.25
03	2.00	21	6.50
04	2.25	22	6.75
05	2.50	23	7.00
06	2.75	24	7.25
07	3.00	25	7.50
08	3.25	26	7.75
09	3.50	27	8.00
10	3.75	28	8.25
11	4.00	29	8.50
12	4.25	30	8.75
13	4.50	31	9.00
14	4.75	32	9.25
15	5.00	33	9.50
16	5.25	34	9.75
17	5.50	35	10.00
18	5.75		



Serial number	Dimensions(mm) G	Serial numbe	Dimensions(mm) G
01	3.50	19	8.00
02	3.75	20	8.25
03	4.00	21	8.50
04	4.25	22	8.75
05	4.50	23	9.00
06	4.75	24	9.25
07	5.00	25	9.50
08	5.25	26	9.75
09	5.50	27	10.00
10	5.75		
11	6.00		
12	6.25		
13	6.50		
14	6.75		
15	7.00		
16	7.25		
17	7.50		
18	7.75		



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FPH10040-SXXBXXXXXXXXX00B	ITEM NO. FPH10040	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(DIP)			REV 0
	DESIGN UNITS METRIC	X.X ±0.20	X.X' ±2'	DRAWN BY MATT	DATE 30/JAN/23	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 ±0.15	X.XX' ±1'	X.XXX ±0.10	X.XXX' ±0.5'		

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Circuits (n)	Part No.	Simensions(mm)		Circuits (n)	Part No.	Simensions(mm)	
		A	B			A	B
1	FPH10040-S01BXXXXXXXXXB	-	1.00	21	FPH10040-S21BXXXXXXXXXB	20.00	21.00
2	FPH10040-S02BXXXXXXXXXB	1.00	2.00	22	FPH10040-S22BXXXXXXXXXB	21.00	22.00
3	FPH10040-S03BXXXXXXXXXB	2.00	3.00	23	FPH10040-S23BXXXXXXXXXB	22.00	23.00
4	FPH10040-S04BXXXXXXXXXB	3.00	4.00	24	FPH10040-S24BXXXXXXXXXB	23.00	24.00
5	FPH10040-S05BXXXXXXXXXB	4.00	5.00	25	FPH10040-S25BXXXXXXXXXB	24.00	25.00
6	FPH10040-S06BXXXXXXXXXB	5.00	6.00	26	FPH10040-S26BXXXXXXXXXB	25.00	26.00
7	FPH10040-S07BXXXXXXXXXB	6.00	7.00	27	FPH10040-S27BXXXXXXXXXB	26.00	27.00
8	FPH10040-S08BXXXXXXXXXB	7.00	8.00	28	FPH10040-S28BXXXXXXXXXB	27.00	28.00
9	FPH10040-S09BXXXXXXXXXB	8.00	9.00	29	FPH10040-S29BXXXXXXXXXB	28.00	29.00
10	FPH10040-S10BXXXXXXXXXB	9.00	10.00	30	FPH10040-S30BXXXXXXXXXB	29.00	30.00
11	FPH10040-S11BXXXXXXXXXB	10.00	11.00	31	FPH10040-S31BXXXXXXXXXB	30.00	31.00
12	FPH10040-S12BXXXXXXXXXB	11.00	12.00	32	FPH10040-S32BXXXXXXXXXB	31.00	32.00
13	FPH10040-S13BXXXXXXXXXB	12.00	13.00	33	FPH10040-S33BXXXXXXXXXB	32.00	33.00
14	FPH10040-S14BXXXXXXXXXB	13.00	14.00	34	FPH10040-S34BXXXXXXXXXB	33.00	34.00
15	FPH10040-S15BXXXXXXXXXB	14.00	15.00	35	FPH10040-S35BXXXXXXXXXB	34.00	35.00
16	FPH10040-S16BXXXXXXXXXB	15.00	16.00	36	FPH10040-S36BXXXXXXXXXB	35.00	36.00
17	FPH10040-S17BXXXXXXXXXB	16.00	17.00	37	FPH10040-S37BXXXXXXXXXB	36.00	37.00
18	FPH10040-S18BXXXXXXXXXB	17.00	18.00	38	FPH10040-S38BXXXXXXXXXB	37.00	38.00
19	FPH10040-S19BXXXXXXXXXB	18.00	19.00	39	FPH10040-S39BXXXXXXXXXB	38.00	39.00
20	FPH10040-S20BXXXXXXXXXB	19.00	20.00	40	FPH10040-S40BXXXXXXXXXB	39.00	40.00

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	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board(Pin Header) Pitch 1.00mm 90° Angle(DIP)			REV 0
	DESIGN UNITS METRIC	X.X ±0.20	X.X' ±2'	DRAWN BY MATT	DATE 30/JAN/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 3/3
	SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	X.XXX ±0.10	X.XXX' ±0.5'		