

Dimensions(mm)	
H	E
1.00	1.50~1.75
1.50	2.00~2.25
2.00	2.50~2.75
2.50	≥3.00

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

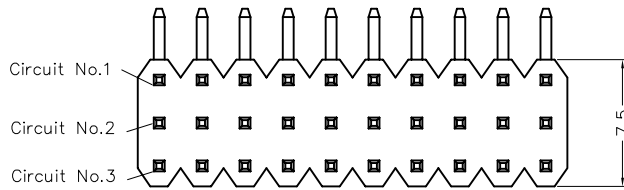
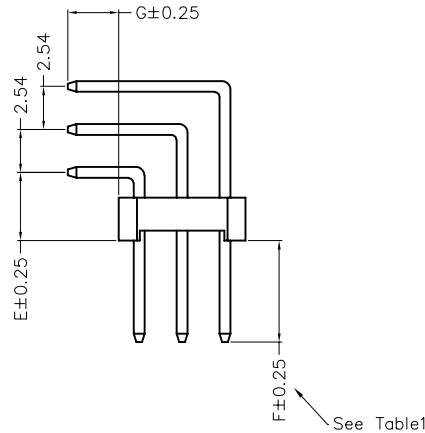
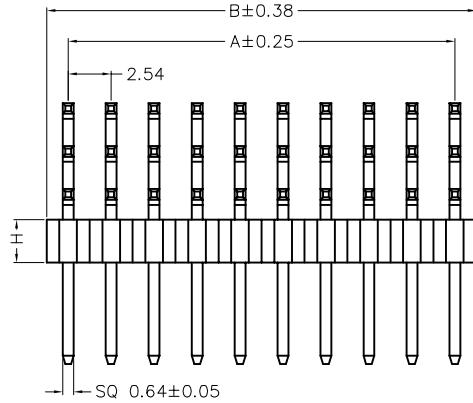
SPECIFICATIONS

Electrical

Current Rating: 3.0A 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

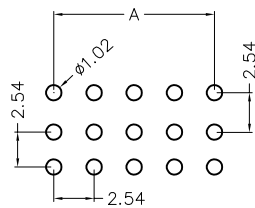


Ordering Information

FPH 254 86 - T XX B X XX X XX XX XX B
 1 2 3 4 5 6 7 8 9 10 11 12 13

1 <u>Category</u> FPH—Pin Header	2 <u>Series Number</u> 254—Pitch2.54mm	3 <u>Distinction No.</u> 86	4 <u>Row Option</u> T—Three Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> B—90° Angle	7 <u>Plating</u> 1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area
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8 <u>Thickness of Plating</u> 00—Gold flash 01—1μ" Custom plate available	9 <u>Material—Resin</u> 1—PBT 4—PA6T	10 <u>E Size</u> 01,02...—Serial number (See Table1)	11 <u>F Size</u> 01,02...—Serial number (See Table1)	12 <u>G Size</u> 01,02...—Serial number (See Table1)	13 <u>Packaging</u> B—PE Bag
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Recommended P.C.Board Layout

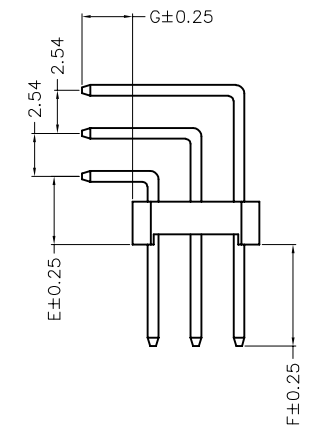
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FPH25486-TXXBXXXXXXXXXB	ITEM NO. FPH25486	 Building Technology Cornerstone
	X. ±0.30	X.' ±5°	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)		
DESIGN UNITS METRIC(mm)	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°				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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) F	Serial numbe	Dimensions(mm) F
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		

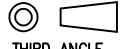

Serial number	Dimensions(mm) G	Serial numbe	Dimensions(mm) G
01	1.50	19	6.00
02	1.75	20	6.25
03	2.00	21	6.50
04	2.25	22	6.75
05	2.50	23	7.00
06	2.75	24	7.25
07	3.00	25	7.50
08	3.25	26	7.75
09	3.50	27	8.00
10	3.75	28	8.25
11	4.00	29	8.50
12	4.25	30	8.75
13	4.50	31	9.00
14	4.75	32	9.25
15	5.00	33	9.50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



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FPH25486-TXXBXXXXXXXXXB	ITEM NO. FPH25486	 Building Technology Cornerstone	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)			REV 0
	DESIGN UNITS METRIC(mm)	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'				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(mm)		Circuits (n)	Part No.	Dimensions(mm)	
		A	B			A	B
3	FPH25486-T03BXXXXXXXXXXB	-	2.54	63	FPH25486-T63BXXXXXXXXXXB	50.80	53.34
6	FPH25486-T06BXXXXXXXXXXB	2.54	5.08	66	FPH25486-T66BXXXXXXXXXXB	53.34	55.88
9	FPH25486-T09BXXXXXXXXXXB	5.08	7.62	69	FPH25486-T69BXXXXXXXXXXB	55.88	58.42
12	FPH25486-T12BXXXXXXXXXXB	7.62	10.16	72	FPH25486-T72BXXXXXXXXXXB	58.42	60.96
15	FPH25486-T15BXXXXXXXXXXB	10.16	12.70	75	FPH25486-T75BXXXXXXXXXXB	60.96	63.50
18	FPH25486-T18BXXXXXXXXXXB	12.70	15.24	78	FPH25486-T78BXXXXXXXXXXB	63.50	66.04
21	FPH25486-T21BXXXXXXXXXXB	15.24	17.78	81	FPH25486-T81BXXXXXXXXXXB	66.04	68.58
24	FPH25486-T24BXXXXXXXXXXB	17.78	20.32	84	FPH25486-T84BXXXXXXXXXXB	68.58	71.12
27	FPH25486-T27BXXXXXXXXXXB	20.32	22.86	87	FPH25486-T87BXXXXXXXXXXB	71.12	73.66
30	FPH25486-T30BXXXXXXXXXXB	22.86	25.40	90	FPH25486-T90BXXXXXXXXXXB	73.66	76.20
33	FPH25486-T33BXXXXXXXXXXB	25.40	27.94	93	FPH25486-T93BXXXXXXXXXXB	76.20	78.74
36	FPH25486-T36BXXXXXXXXXXB	27.94	30.48	96	FPH25486-T96BXXXXXXXXXXB	78.74	81.28
39	FPH25486-T39BXXXXXXXXXXB	30.48	33.02	99	FPH25486-T99BXXXXXXXXXXB	81.28	83.82
42	FPH25486-T42BXXXXXXXXXXB	33.02	35.56	102	FPH25486-T102BXXXXXXXXXXB	83.82	86.36
45	FPH25486-T45BXXXXXXXXXXB	35.56	38.10	105	FPH25486-T105BXXXXXXXXXXB	86.36	88.90
48	FPH25486-T48BXXXXXXXXXXB	38.10	40.64	108	FPH25486-T108BXXXXXXXXXXB	88.90	91.44
51	FPH25486-T51BXXXXXXXXXXB	40.64	43.18	111	FPH25486-T111BXXXXXXXXXXB	91.44	93.98
54	FPH25486-T54BXXXXXXXXXXB	43.18	45.72	114	FPH25486-T114BXXXXXXXXXXB	93.98	96.52
57	FPH25486-T57BXXXXXXXXXXB	45.72	48.26	117	FPH25486-T117BXXXXXXXXXXB	96.52	99.06
60	FPH25486-T60BXXXXXXXXXXB	48.26	50.80	120	FPH25486-T120BXXXXXXXXXXB	99.06	101.60

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	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)			REV 0
	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'		