

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

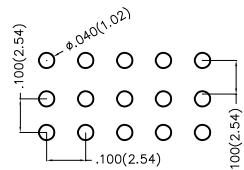
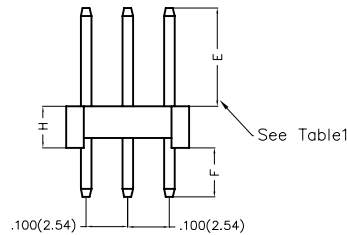
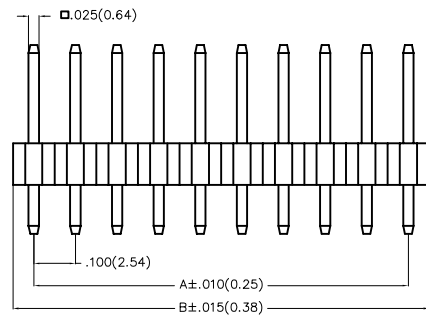
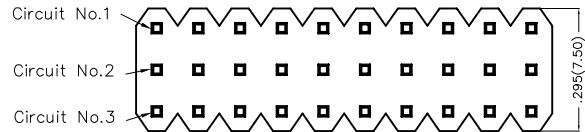
SPECIFICATIONS

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



Recommended P.C.Board Layout

Ordering Information

FPH 254 56 - T XX S X XX X XX XX X 0 B
1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH—Pin Header	2 Series Number 254—Pitch 2.54mm	3 Distinction No. 56	4 Row Option T—Three Row	5 Circuits XX	6 Entry Angle S—180° Vertical	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 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 E Size 01,02...—Serial number (See Table1)	11 F Size 01,02...—Serial number (See Table1)	12 H Size 1,2...—Serial number (See Table1)	13 Packaging B—PE Bag
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<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25456-TXXSXXXXXXXXX0B	ITEM NO. FPH25456	<p>Leader Of Industry</p>	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 180° Vertical(DIP)		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY ZOEY	DATE 24/DEC/19		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

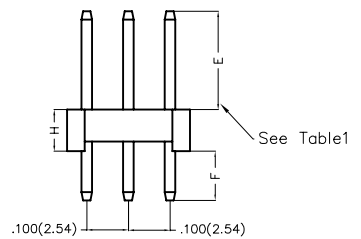
REV 0 SHEET NO. 1/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions(in/mm)	Serial number	Dimensions(in/mm)
	E		E
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		

Serial number	Dimensions(in/mm)	Serial number	Dimensions(in/mm)
	F		F
01	.059(1.50)	19	.236(6.00)
02	.069(1.75)	20	.246(6.25)
03	.079(2.00)	21	.256(6.50)
04	.089(2.25)	22	.266(6.75)
05	.098(2.50)	23	.276(7.00)
06	.108(2.75)	24	.285(7.25)
07	.118(3.00)	25	.295(7.50)
08	.128(3.25)	26	.305(7.75)
09	.138(3.50)	27	.315(8.00)
10	.148(3.75)	28	.325(8.25)
11	.157(4.00)	29	.335(8.50)
12	.167(4.25)	30	.344(8.75)
13	.177(4.50)	31	.354(9.00)
14	.187(4.75)	32	.364(9.25)
15	.197(5.00)	33	.374(9.50)
16	.207(5.25)	34	.384(9.75)
17	.217(5.50)	35	.394(10.00)
18	.226(5.75)		



Serial number	Dimensions(in/mm)
	H
1	.039(1.00)
2	.059(1.50)
3	.079(2.00)
4	.098(2.50)

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	FRANK	24/DEC/19	FPH25456-TXXSXXXXXXXXX0B	FPH25456	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	24/DEC/19	Board to Board (Pin Header) Pitch 2.54mm 180° Vertical (DIP)		
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	REV 0	SHEET NO. 2/3
5:1	A4			ZOEY	24/DEC/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	



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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F

A
B
C
D
E
F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
9	FPH25456-T09SXXXXXXXXX0B	.200(5.08)	.300(7.62)	66	FPH25456-T66SXXXXXXXXX0B	2.100(53.34)	2.200(55.88)
12	FPH25456-T12SXXXXXXXXX0B	.300(7.62)	.400(10.16)	69	FPH25456-T69SXXXXXXXXX0B	2.200(55.88)	2.300(58.42)
15	FPH25456-T15SXXXXXXXXX0B	.400(10.16)	.500(12.70)	72	FPH25456-T72SXXXXXXXXX0B	2.300(58.42)	2.400(60.96)
18	FPH25456-T18SXXXXXXXXX0B	.500(12.70)	.600(15.24)	75	FPH25456-T75SXXXXXXXXX0B	2.400(60.96)	2.500(63.50)
21	FPH25456-T21SXXXXXXXXX0B	.600(15.24)	.700(17.78)	78	FPH25456-T78SXXXXXXXXX0B	2.500(63.50)	2.600(66.04)
24	FPH25456-T24SXXXXXXXXX0B	.700(17.78)	.800(20.32)	81	FPH25456-T81SXXXXXXXXX0B	2.600(66.04)	2.700(68.58)
27	FPH25456-T27SXXXXXXXXX0B	.800(20.32)	.900(22.86)	84	FPH25456-T84SXXXXXXXXX0B	2.700(68.58)	2.800(71.12)
30	FPH25456-T30SXXXXXXXXX0B	.900(22.86)	1.000(25.40)	87	FPH25456-T87SXXXXXXXXX0B	2.800(71.12)	2.900(73.66)
33	FPH25456-T33SXXXXXXXXX0B	1.000(25.40)	1.100(27.94)	90	FPH25456-T90SXXXXXXXXX0B	2.900(73.66)	3.000(76.20)
36	FPH25456-T36SXXXXXXXXX0B	1.100(27.94)	1.200(30.48)	93	FPH25456-T93SXXXXXXXXX0B	3.000(76.20)	3.100(78.74)
39	FPH25456-T39SXXXXXXXXX0B	1.200(30.48)	1.300(33.02)	96	FPH25456-T96SXXXXXXXXX0B	3.100(78.74)	3.200(81.28)
42	FPH25456-T42SXXXXXXXXX0B	1.300(33.02)	1.400(35.56)	99	FPH25456-T99SXXXXXXXXX0B	3.200(81.28)	3.300(83.82)
45	FPH25456-T45SXXXXXXXXX0B	1.400(35.56)	1.500(38.10)	102	FPH25456-T102SXXXXXXXXX0B	3.300(83.82)	3.400(86.36)
48	FPH25456-T48SXXXXXXXXX0B	1.500(38.10)	1.600(40.64)	105	FPH25456-T105SXXXXXXXXX0B	3.400(86.36)	3.500(88.90)
51	FPH25456-T51SXXXXXXXXX0B	1.600(40.64)	1.700(43.18)	108	FPH25456-T108SXXXXXXXXX0B	3.500(88.90)	3.600(91.44)
54	FPH25456-T54SXXXXXXXXX0B	1.700(43.18)	1.800(45.72)	111	FPH25456-T111SXXXXXXXXX0B	3.600(91.44)	3.700(93.98)
57	FPH25456-T57SXXXXXXXXX0B	1.800(45.72)	1.900(48.26)	114	FPH25456-T114SXXXXXXXXX0B	3.700(93.98)	3.800(96.52)
60	FPH25456-T60SXXXXXXXXX0B	1.900(48.26)	2.000(50.80)	117	FPH25456-T117SXXXXXXXXX0B	3.800(96.52)	3.900(99.06)
63	FPH25456-T63SXXXXXXXXX0B	2.000(50.80)	2.100(53.34)	120	FPH25456-T120SXXXXXXXXX0B	3.900(99.06)	4.000(101.60)

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	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	24/DEC/19	Board to Board(Pin Header) Pitch 2.54mm 180' Vertical(DIP)	REV 0	
SCALE	SIZE	X.XXX±.004(0.10)	.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	
5:1	A4			ZOEY	24/DEC/19		

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