

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

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E

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A

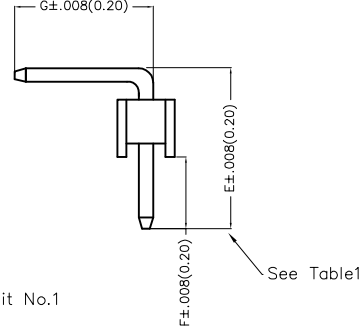
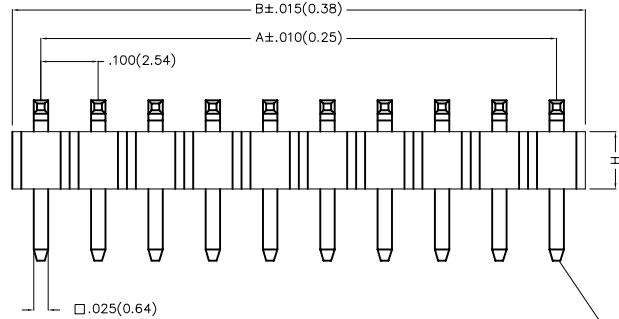
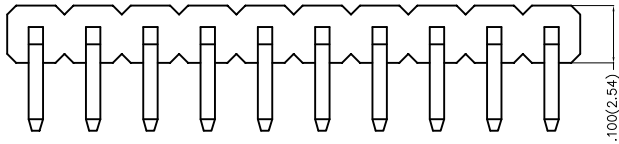
B

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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 in contact area, bright tin on tail

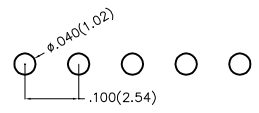
Circuit No.1

See Table1


Ordering Information

FPH 254 03 - S XX B X XX X XX B  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FPH-Pin Header	2 Series Number 254-Pitch2.54mm	3 Distinction No. 03	4 Row Option S-Single Row	5 Circuits XX	6 Entry Angle B-90° Angle
7 Plating 1-Gold plated 3-Selective gold in contact area, bright tin on tail	8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 1-PBT 4-PA6T	10 Size 01,02... -Serial number (See Table1) Custom length available	11 Packaging B-PE Bag	



Recommended P.C.Board Layout

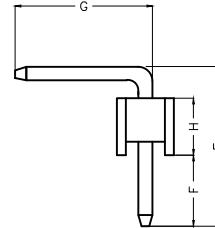
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO. FPH25403-SXXBXXXXXB	ITEM NO. FPH25403	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' ,X'±2' ,XX'±1' ,XXX'±0.5'	CHECKED BY CHERRY	DATE 1/AUG/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)	
SCALE 5:1	SIZE A4		DRAWN BY JACOB	DATE 1/AUG/13	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

Table1

Serial number	Dimensions(in/mm)				Canceled Circuits	Note
	E	F	G	H		
01	.268(6.80)	.118(3.00)	.311(7.90)	.098(2.50)		
02	.236(6.00)	.112(2.85)	.236(6.00)	.098(2.50)		
03	.267(6.75)	.118(3.00)	.295(7.50)	.098(2.50)		
04	.295(7.50)	.169(4.30)	.370(9.40)	.098(2.50)		
05	.243(6.18)	.118(3.00)	.150(3.80)	.098(2.50)		
06	.295(7.50)	.138(3.50)	.311(7.90)	.098(2.50)		
07	.295(7.50)	.138(3.50)	.370(9.40)	.098(2.50)		
08	.317(8.04)	.119(3.02)	.268(6.80)	.098(2.50)		
09	.243(6.18)	.118(3.00)	.118(3.00)	.098(2.50)		
10	.295(7.50)	.138(3.50)	.236(6.00)	.098(2.50)		
11	.243(6.18)	.118(3.00)	.177(4.50)	.098(2.50)		
12	.276(7.00)	.118(3.00)	.236(6.00)	.098(2.50)		
13	.276(7.50)	.118(3.00)	.276(7.5)	.098(2.50)		
14	.283(7.20)	.114(2.90)	.307(7.80)	.098(2.50)		
15	.276(7.00)	.118(3.00)	.276(7.00)	.098(2.50)		
16	.290(7.36)	.118(3.00)	.299(7.59)	.098(2.50)		
17	.335(8.50)	.118(3.00)	.236(6.00)	.098(2.50)		
18	.315(8.00)	.161(4.10)	.189(4.80)	.098(2.50)	No.2,4,6,8	Only 9Circuits
19	.323(8.20)	.177(4.50)	.169(4.30)	.098(2.50)		
20	.244(6.20)	.118(3.00)	.197(5.00)	.098(2.50)		
21	.331(8.40)	.120(3.05)	.315(8.00)	.098(2.50)		
22	.268(6.80)	.118(3.00)	.157(4.00)	.098(2.50)		
23	.308(7.82)	.126(3.20)	.298(7.57)	.098(2.50)		
24	.277(7.04)	.154(3.90)	.181(4.59)	.098(2.50)	No.2,3	Only 4Circuits



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 1/AUG/13	PART NO. FPH25403-SXXBXXXXXXB	ITEM NO. FPH25403	 Leader Of Industry
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 1/AUG/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)		
DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 1/AUG/13	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±.006(0.15)					
		X.XXX±.004(0.10)					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

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C

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E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FPH25403-S01BXXXXXXB	—	.100(2.54)	21	FPH25403-S21BXXXXXXB	2.000(50.80)	2.100(53.34)
2	FPH25403-S02BXXXXXXB	.100(2.54)	.200(5.08)	22	FPH25403-S22BXXXXXXB	2.100(53.34)	2.200(55.88)
3	FPH25403-S03BXXXXXXB	.200(5.08)	.300(7.62)	23	FPH25403-S23BXXXXXXB	2.200(55.88)	2.300(58.42)
4	FPH25403-S04BXXXXXXB	.300(7.62)	.400(10.16)	24	FPH25403-S24BXXXXXXB	2.300(58.42)	2.400(60.96)
5	FPH25403-S05BXXXXXXB	.400(10.16)	.500(12.70)	25	FPH25403-S25BXXXXXXB	2.400(60.96)	2.500(63.50)
6	FPH25403-S06BXXXXXXB	.500(12.70)	.600(15.24)	26	FPH25403-S26BXXXXXXB	2.500(63.50)	2.600(66.04)
7	FPH25403-S07BXXXXXXB	.600(15.24)	.700(17.78)	27	FPH25403-S27BXXXXXXB	2.600(66.04)	2.700(68.58)
8	FPH25403-S08BXXXXXXB	.700(17.78)	.800(20.32)	28	FPH25403-S28BXXXXXXB	2.700(68.58)	2.800(71.12)
9	FPH25403-S09BXXXXXXB	.800(20.32)	.900(22.86)	29	FPH25403-S29BXXXXXXB	2.800(71.12)	2.900(73.66)
10	FPH25403-S10BXXXXXXB	.900(22.86)	1.000(25.40)	30	FPH25403-S30BXXXXXXB	2.900(73.66)	3.000(76.20)
11	FPH25403-S11BXXXXXXB	1.000(25.40)	1.100(27.94)	31	FPH25403-S31BXXXXXXB	3.000(76.20)	3.100(78.74)
12	FPH25403-S12BXXXXXXB	1.100(27.94)	1.200(30.48)	32	FPH25403-S32BXXXXXXB	3.100(78.74)	3.200(81.28)
13	FPH25403-S13BXXXXXXB	1.200(30.48)	1.300(33.02)	33	FPH25403-S33BXXXXXXB	3.200(81.28)	3.300(83.82)
14	FPH25403-S14BXXXXXXB	1.300(33.02)	1.400(35.56)	34	FPH25403-S34BXXXXXXB	3.300(83.82)	3.400(86.36)
15	FPH25403-S15BXXXXXXB	1.400(35.56)	1.500(38.10)	35	FPH25403-S35BXXXXXXB	3.400(86.36)	3.500(88.90)
16	FPH25403-S16BXXXXXXB	1.500(38.10)	1.600(40.64)	36	FPH25403-S36BXXXXXXB	3.500(88.90)	3.600(91.44)
17	FPH25403-S17BXXXXXXB	1.600(40.64)	1.700(43.18)	37	FPH25403-S37BXXXXXXB	3.600(91.44)	3.700(93.98)
18	FPH25403-S18BXXXXXXB	1.700(43.18)	1.800(45.72)	38	FPH25403-S38BXXXXXXB	3.700(93.98)	3.800(96.52)
19	FPH25403-S19BXXXXXXB	1.800(45.72)	1.900(48.26)	39	FPH25403-S39BXXXXXXB	3.800(96.52)	3.900(99.06)
20	FPH25403-S20BXXXXXXB	1.900(48.26)	2.000(50.80)	40	FPH25403-S40BXXXXXXB	3.900(99.06)	4.000(101.60)

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	X.±.012(0.30)	.X'±5'	CHECKED BY CHERRY	DATE 1/AUG/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 1/AUG/13	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±.006(0.15)	.XX'±1'				

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