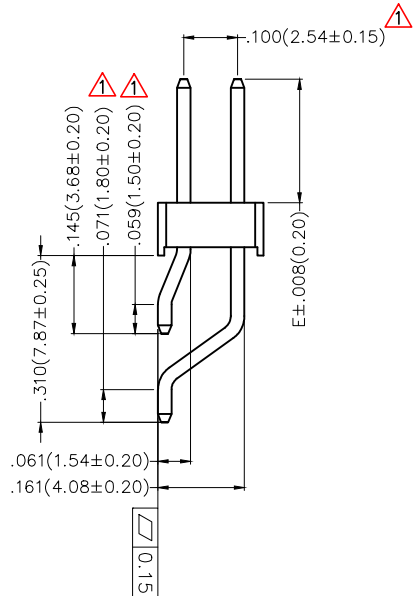
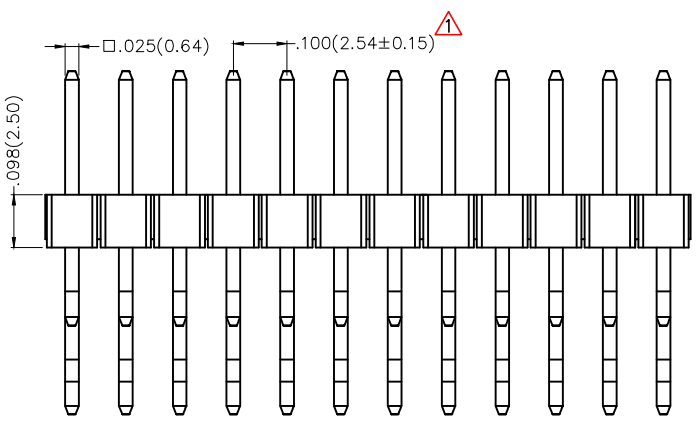
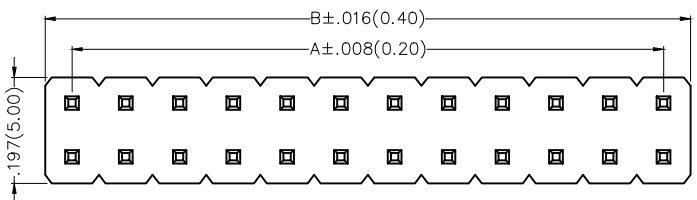


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size change	7/Mar/25	NICK	LEO



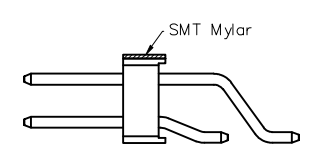
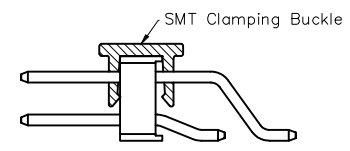
SPECIFICATIONS

Electrical
 Current Rating: 3A 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 and Plating
 Housing: Thermoplastic (UL94V-0) Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold in contact area, tin on tail

Packaging: M—Reel(With Cap)

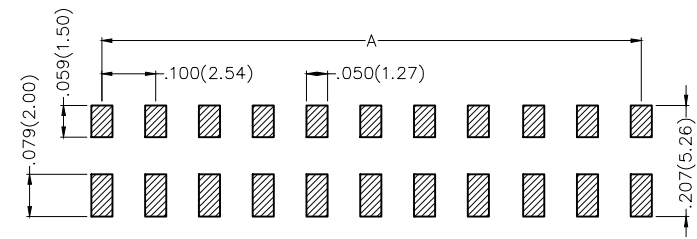
Packaging: W—Reel(With Mylar)



Ordering Information

FPH 254 68 — D XX B X XX X XX 00 00 X
 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. 67	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold plated 3—Selective gold in contact area, tin on tail	8 Thickness of Plating 01—1μ" 15—15μ" Custom plate available	9 Material—Resin 4—PA6T 5—PA9T	10 E Size 01,02...—Serial number (See Table1)	11 Packaging M—Reel(With Cap) W—Reel(With Mylar)	



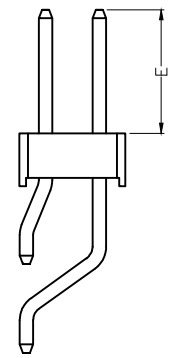
Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25468-DXXBXXXXXX0000X	ITEM NO. FPH25468	 Leader Of Industry
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(SMT)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.±2°	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		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X±1°				
		X.XXX±.004(0.10)	.XXX±0.5°				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm) E	Serial number	Dimensions (in/mm) E	Serial number	(in/mm) E
01	.059(1.50)	19	.236(6.00)	37	.413(10.50)
02	.069(1.75)	20	.246(6.25)	38	.423(10.75)
03	.079(2.00)	21	.256(6.50)	39	.433(11.00)
04	.089(2.25)	22	.266(6.75)	40	.443(11.25)
05	.098(2.50)	23	.276(7.00)	41	.453(11.50)
06	.108(2.75)	24	.285(7.25)	42	.463(11.75)
07	.118(3.00)	25	.295(7.50)	43	.472(12.00)
08	.128(3.25)	26	.305(7.75)	44	.482(12.25)
09	.138(3.50)	27	.315(8.00)	45	.492(12.50)
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)	36	.404(10.25)		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25468-DXXBXXXXXX0000X	ITEM NO. FPH25468	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(SMT)			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	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 1	SHEET NO. 2/3
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5'					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH25468-D02BXXXXX0000X	-	.100(2.54)	42	FPH25468-D42BXXXXX0000X	2.000(50.80)	2.100(53.34)
4	FPH25468-D04BXXXXX0000X	.100(2.54)	.200(5.08)	44	FPH25468-D44BXXXXX0000X	2.100(53.34)	2.200(55.88)
6	FPH25468-D06BXXXXX0000X	.200(5.08)	.300(7.62)	46	FPH25468-D46BXXXXX0000X	2.200(55.88)	2.300(58.42)
8	FPH25468-D08BXXXXX0000X	.300(7.62)	.400(10.16)	48	FPH25468-D48BXXXXX0000X	2.300(58.42)	2.400(60.96)
10	FPH25468-D10BXXXXX0000X	.400(10.16)	.500(12.70)	50	FPH25468-D50BXXXXX0000X	2.400(60.96)	2.500(63.50)
12	FPH25468-D12BXXXXX0000X	.500(12.70)	.600(15.24)	52	FPH25468-D52BXXXXX0000X	2.500(63.50)	2.600(66.04)
14	FPH25468-D14BXXXXX0000X	.600(15.24)	.700(17.78)	54	FPH25468-D54BXXXXX0000X	2.600(66.04)	2.700(68.58)
16	FPH25468-D16BXXXXX0000X	.700(17.78)	.800(20.32)	56	FPH25468-D56BXXXXX0000X	2.700(68.58)	2.800(71.12)
18	FPH25468-D18BXXXXX0000X	.800(20.32)	.900(22.86)	58	FPH25468-D58BXXXXX0000X	2.800(71.12)	2.900(73.66)
20	FPH25468-D20BXXXXX0000X	.900(22.86)	1.000(25.40)	60	FPH25468-D60BXXXXX0000X	2.900(73.66)	3.000(76.20)
22	FPH25468-D22BXXXXX0000X	1.000(25.40)	1.100(27.94)	62	FPH25468-D62BXXXXX0000X	3.000(76.20)	3.100(78.74)
24	FPH25468-D24BXXXXX0000X	1.100(27.94)	1.200(30.48)	64	FPH25468-D64BXXXXX0000X	3.100(78.74)	3.200(81.28)
26	FPH25468-D26BXXXXX0000X	1.200(30.48)	1.300(33.02)	66	FPH25468-D66BXXXXX0000X	3.200(81.28)	3.300(83.82)
28	FPH25468-D28BXXXXX0000X	1.300(33.02)	1.400(35.56)	68	FPH25468-D68BXXXXX0000X	3.300(83.82)	3.400(86.36)
30	FPH25468-D30BXXXXX0000X	1.400(35.56)	1.500(38.10)	70	FPH25468-D70BXXXXX0000X	3.400(86.36)	3.500(88.90)
32	FPH25468-D32BXXXXX0000X	1.500(38.10)	1.600(40.64)	72	FPH25468-D72BXXXXX0000X	3.500(88.90)	3.600(91.44)
34	FPH25468-D34BXXXXX0000X	1.600(40.64)	1.700(43.18)	74	FPH25468-D74BXXXXX0000X	3.600(91.44)	3.700(93.98)
36	FPH25468-D36BXXXXX0000X	1.700(43.18)	1.800(45.72)	76	FPH25468-D76BXXXXX0000X	3.700(93.98)	3.800(96.52)
38	FPH25468-D38BXXXXX0000X	1.800(45.72)	1.900(48.26)	78	FPH25468-D78BXXXXX0000X	3.800(96.52)	3.900(99.06)
40	FPH25468-D40BXXXXX0000X	1.900(48.26)	2.000(50.80)	80	FPH25468-D80BXXXXX0000X	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25468-DXXBXXXXX0000X	ITEM NO. FPH25468	 Leader Of Industry
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 24/DEC/19	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(SMT)		
	X.X±.008(0.20)	.X'±2'	DRAWN BY ZOEY	DATE 24/DEC/19	REV 1	SHEET NO. 3/3	
	X.XX±.006(0.15)	.XX'±1'	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.XXX±.004(0.10)	.XXX±0.5'				

1 2 3 4 5 6 7 8