

Dimensions(in/mm)	
H	F
.039(1.00)	.059(1.50)~.069(1.75)
.059(1.50)	.079(2.00)~.089(2.25)
.079(2.00)	.098(2.50)~.108(2.75)
.098(2.50)	≥.118(3.00)

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

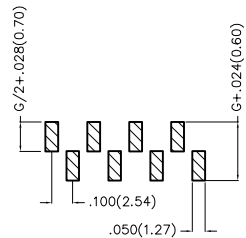
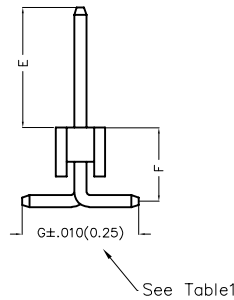
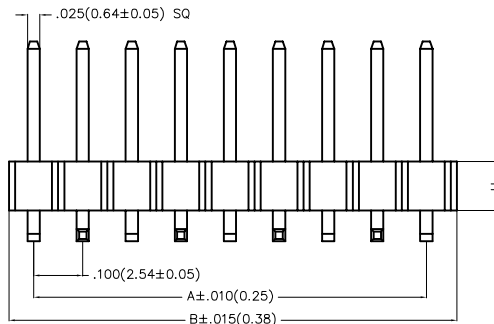
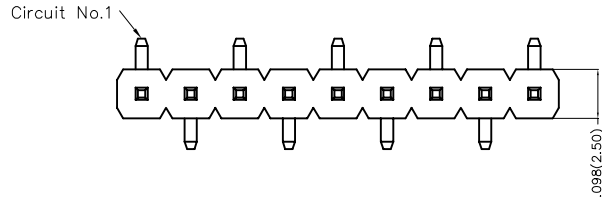
SPECIFICATIONS

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



Recommended P.C.Board Layout

Ordering Information

FPH 254 69 - S XX S X XX 4 XX XX XX M
1 2 3 4 5 6 7 8 9 10 11 12 13

1 Category FPH-Pin Header	2 Series Number 254-Pitch2.54mm	3 Distinction No. 69	4 Row Option S-Single 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
8 Thickness of Plating 01-1μ" 15-15μ" Custom plate available	9 Material-Resin 4-PA6T	10 E Size 01,02...-Serial number (See Table1)	11 F Size 01,02...-Serial number (See Table1)	12 G Size 01,02...-Serial number (See Table1)	13 Packaging M-Reel	

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25469-SXXSXXX4XXXXXXM	ITEM NO. FPH25469	 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 180° Vertical(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)	.XX±1'				
		X.XXX±.004(0.10)	.XXX±0.5'				

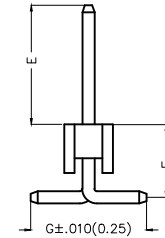
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Table1

Serial number	Dimensions (in/mm) E	Serial number	Dimensions (in/mm) E
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) F	Serial number	Dimensions (in/mm) 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) G	Serial number	Dimensions (in/mm) G
06	.187(4.75)	17	.295(7.50)
07	.197(5.00)	18	.305(7.75)
08	.207(5.25)	19	.315(8.00)
09	.217(5.50)	20	.325(8.25)
10	.226(5.75)	21	.335(8.50)
11	.236(6.00)	22	.344(8.75)
12	.246(6.25)	23	.354(9.00)
13	.256(6.50)	24	.364(9.25)
14	.266(6.75)	25	.374(9.50)
15	.276(7.00)	26	.384(9.75)
16	.285(7.25)	27	.394(10.00)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25469-SXXSXXX4XXXXXXM	ITEM NO. FPH25469	 Leader Of Industry	
	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(SMT)		REV 0
	SCALE 5:1	X.XX±.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		
	SIZE A4	X.XX±.006(0.15)	.XX'±1'					
	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
1	FPH25469-S01SXXX4XXXXXXM	—	.100(2.54)	21	FPH25469-S21SXXX4XXXXXXM	2.000(50.80)	2.100(53.34)
2	FPH25469-S02SXXX4XXXXXXM	.100(2.54)	.200(5.08)	22	FPH25469-S22SXXX4XXXXXXM	2.100(53.34)	2.200(55.88)
3	FPH25469-S03SXXX4XXXXXXM	.200(5.08)	.300(7.62)	23	FPH25469-S23SXXX4XXXXXXM	2.200(55.88)	2.300(58.42)
4	FPH25469-S04SXXX4XXXXXXM	.300(7.62)	.400(10.16)	24	FPH25469-S24SXXX4XXXXXXM	2.300(58.42)	2.400(60.96)
5	FPH25469-S05SXXX4XXXXXXM	.400(10.16)	.500(12.70)	25	FPH25469-S25SXXX4XXXXXXM	2.400(60.96)	2.500(63.50)
6	FPH25469-S06SXXX4XXXXXXM	.500(12.70)	.600(15.24)	26	FPH25469-S26SXXX4XXXXXXM	2.500(63.50)	2.600(66.04)
7	FPH25469-S07SXXX4XXXXXXM	.600(15.24)	.700(17.78)	27	FPH25469-S27SXXX4XXXXXXM	2.600(66.04)	2.700(68.58)
8	FPH25469-S08SXXX4XXXXXXM	.700(17.78)	.800(20.32)	28	FPH25469-S28SXXX4XXXXXXM	2.700(68.58)	2.800(71.12)
9	FPH25469-S09SXXX4XXXXXXM	.800(20.32)	.900(22.86)	29	FPH25469-S29SXXX4XXXXXXM	2.800(71.12)	2.900(73.66)
10	FPH25469-S10SXXX4XXXXXXM	.900(22.86)	1.000(25.40)	30	FPH25469-S30SXXX4XXXXXXM	2.900(73.66)	3.000(76.20)
11	FPH25469-S11SXXX4XXXXXXM	1.000(25.40)	1.100(27.94)	31	FPH25469-S31SXXX4XXXXXXM	3.000(76.20)	3.100(78.74)
12	FPH25469-S12SXXX4XXXXXXM	1.100(27.94)	1.200(30.48)	32	FPH25469-S32SXXX4XXXXXXM	3.100(78.74)	3.200(81.28)
13	FPH25469-S13SXXX4XXXXXXM	1.200(30.48)	1.300(33.02)	33	FPH25469-S33SXXX4XXXXXXM	3.200(81.28)	3.300(83.82)
14	FPH25469-S14SXXX4XXXXXXM	1.300(33.02)	1.400(35.56)	34	FPH25469-S34SXXX4XXXXXXM	3.300(83.82)	3.400(86.36)
15	FPH25469-S15SXXX4XXXXXXM	1.400(35.56)	1.500(38.10)	35	FPH25469-S35SXXX4XXXXXXM	3.400(86.36)	3.500(88.90)
16	FPH25469-S16SXXX4XXXXXXM	1.500(38.10)	1.600(40.64)	36	FPH25469-S36SXXX4XXXXXXM	3.500(88.90)	3.600(91.44)
17	FPH25469-S17SXXX4XXXXXXM	1.600(40.64)	1.700(43.18)	37	FPH25469-S37SXXX4XXXXXXM	3.600(91.44)	3.700(93.98)
18	FPH25469-S18SXXX4XXXXXXM	1.700(43.18)	1.800(45.72)	38	FPH25469-S38SXXX4XXXXXXM	3.700(93.98)	3.800(96.52)
19	FPH25469-S19SXXX4XXXXXXM	1.800(45.72)	1.900(48.26)	39	FPH25469-S39SXXX4XXXXXXM	3.800(96.52)	3.900(99.06)
20	FPH25469-S20SXXX4XXXXXXM	1.900(48.26)	2.000(50.80)	40	FPH25469-S40SXXX4XXXXXXM	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/DEC/19	PART NO. FPH25469-SXXSXXX4XXXXXXM	ITEM NO. FPH25469	 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 180° Vertical(SMT)	REV 0		SHEET NO.3/3
	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)	.XX'±1'	X.XXX±.004(0.10)	.XX'±0.5'		

1 2 3 4 5 6 7 8