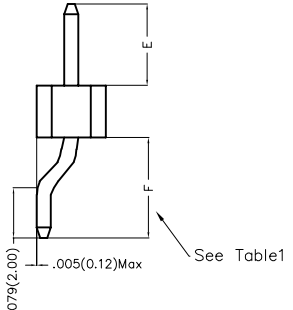
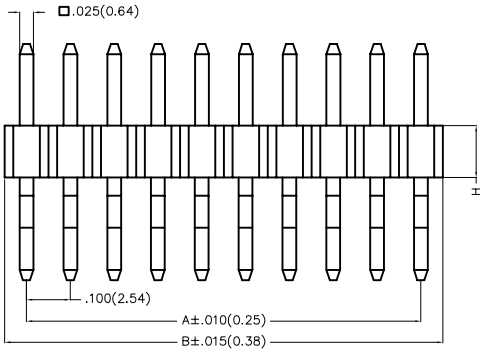
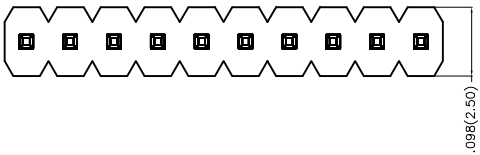


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

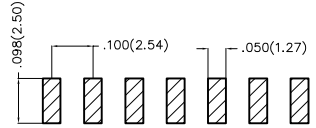
SPECIFICATIONS

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: Glass Filled Polyester (UL94V-0) Black
 Pin: Brass
 Pin Plating: Gold plated/ Selective gold in contact area, bright tin on tail



Packaging: M-Reel(With Cap) Packaging: M1-Reel(With Mylar)



Recommended P.C.Board Layout

Ordering Information

FPH 254 04 - S XX B X XX 4 XX 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. 04	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 4-PA6T	10	Size 01,02... -Serial number (See Table1) Custom length available	11	Packaging M-Reel(With Cap) M1-Reel(With Mylar) B-PE Bag		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUN/13	PART NO. FPH25404-SXXBXXX4XXX	ITEM NO. FPH25404	 Leader Of Industry
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 25/JUN/13	TITLE Board to Board(Pin Header) Pitch 2.54mm 90° Angle(SMT)		
DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 25/JUN/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.XXX±.004(0.10)	.XXX±0.5'				

1 2 3 4 5 6 7 8

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
1	FPH25404-S01BXXX4XXX	—	.100(2.54)	21	FPH25404-S21BXXX4XXX	2.000(50.80)	2.100(53.34)
2	FPH25404-S02BXXX4XXX	.100(2.54)	.200(5.08)	22	FPH25404-S22BXXX4XXX	2.100(53.34)	2.200(55.88)
3	FPH25404-S03BXXX4XXX	.200(5.08)	.300(7.62)	23	FPH25404-S23BXXX4XXX	2.200(55.88)	2.300(58.42)
4	FPH25404-S04BXXX4XXX	.300(7.62)	.400(10.16)	24	FPH25404-S24BXXX4XXX	2.300(58.42)	2.400(60.96)
5	FPH25404-S05BXXX4XXX	.400(10.16)	.500(12.70)	25	FPH25404-S25BXXX4XXX	2.400(60.96)	2.500(63.50)
6	FPH25404-S06BXXX4XXX	.500(12.70)	.600(15.24)	26	FPH25404-S26BXXX4XXX	2.500(63.50)	2.600(66.04)
7	FPH25404-S07BXXX4XXX	.600(15.24)	.700(17.78)	27	FPH25404-S27BXXX4XXX	2.600(66.04)	2.700(68.58)
8	FPH25404-S08BXXX4XXX	.700(17.78)	.800(20.32)	28	FPH25404-S28BXXX4XXX	2.700(68.58)	2.800(71.12)
9	FPH25404-S09BXXX4XXX	.800(20.32)	.900(22.86)	29	FPH25404-S29BXXX4XXX	2.800(71.12)	2.900(73.66)
10	FPH25404-S10BXXX4XXX	.900(22.86)	1.000(25.40)	30	FPH25404-S30BXXX4XXX	2.900(73.66)	3.000(76.20)
11	FPH25404-S11BXXX4XXX	1.000(25.40)	1.100(27.94)	31	FPH25404-S31BXXX4XXX	3.000(76.20)	3.100(78.74)
12	FPH25404-S12BXXX4XXX	1.100(27.94)	1.200(30.48)	32	FPH25404-S32BXXX4XXX	3.100(78.74)	3.200(81.28)
13	FPH25404-S13BXXX4XXX	1.200(30.48)	1.300(33.02)	33	FPH25404-S33BXXX4XXX	3.200(81.28)	3.300(83.82)
14	FPH25404-S14BXXX4XXX	1.300(33.02)	1.400(35.56)	34	FPH25404-S34BXXX4XXX	3.300(83.82)	3.400(86.36)
15	FPH25404-S15BXXX4XXX	1.400(35.56)	1.500(38.10)	35	FPH25404-S35BXXX4XXX	3.400(86.36)	3.500(88.90)
16	FPH25404-S16BXXX4XXX	1.500(38.10)	1.600(40.64)	36	FPH25404-S36BXXX4XXX	3.500(88.90)	3.600(91.44)
17	FPH25404-S17BXXX4XXX	1.600(40.64)	1.700(43.18)	37	FPH25404-S37BXXX4XXX	3.600(91.44)	3.700(93.98)
18	FPH25404-S18BXXX4XXX	1.700(43.18)	1.800(45.72)	38	FPH25404-S38BXXX4XXX	3.700(93.98)	3.800(96.52)
19	FPH25404-S19BXXX4XXX	1.800(45.72)	1.900(48.26)	39	FPH25404-S39BXXX4XXX	3.800(96.52)	3.900(99.06)
20	FPH25404-S20BXXX4XXX	1.900(48.26)	2.000(50.80)	40	FPH25404-S40BXXX4XXX	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	.X'±5'	FRANK	25/JUN/13	FPH25404-SXXBXXX4XXX	FPH25404	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	25/JUN/13	Board to Board(Pin Header) Pitch 2.54mm 90° Angle(SMT)		
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			JACOB	25/JUN/13	REV 0	SHEET NO. 3/3

1 2 3 4 5 6 7 8