

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

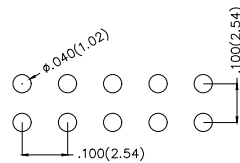
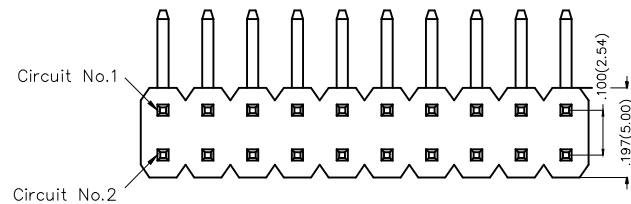
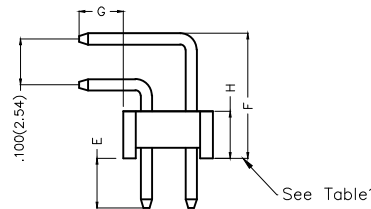
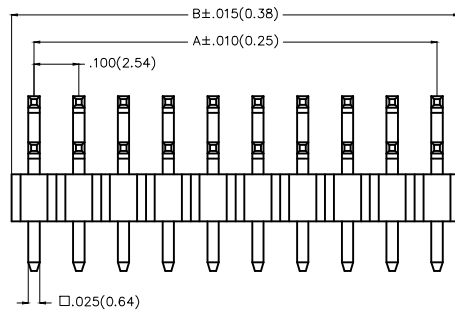
SPECIFICATIONS

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 in contact area, bright tin on tail



Recommended P.C.Board Layout

Ordering Information

FPH 254 23 — D 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. 23	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, 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		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FPH25423-DXXBXXXXXXB	ITEM NO. FPH25423	 Leader Of Industry	
		X.±.012(0.30)	X.'±5'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.'±2'	CHERRY	29/JUL/13	Board to Board(Pin Header) Pitch 2.54mm 90° Angle(DIP)		REV 0	SHEET NO. 1/3
		X.XX±.006(0.15)	.XX'±1'	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'	JACOB	29/JUL/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

A						6		7		8	
						REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
B											
C											
D											
E											
F											

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FPH25423-D02BXXXXXXB	—	.100(2.54)	42	FPH25423-D42BXXXXXXB	2.000(50.80)	2.100(53.34)
4	FPH25423-D04BXXXXXXB	.100(2.54)	.200(5.08)	44	FPH25423-D44BXXXXXXB	2.100(53.34)	2.200(55.88)
6	FPH25423-D06BXXXXXXB	.200(5.08)	.300(7.62)	46	FPH25423-D46BXXXXXXB	2.200(55.88)	2.300(58.42)
8	FPH25423-D08BXXXXXXB	.300(7.62)	.400(10.16)	48	FPH25423-D48BXXXXXXB	2.300(58.42)	2.400(60.96)
10	FPH25423-D10BXXXXXXB	.400(10.16)	.500(12.70)	50	FPH25423-D50BXXXXXXB	2.400(60.96)	2.500(63.50)
12	FPH25423-D12BXXXXXXB	.500(12.70)	.600(15.24)	52	FPH25423-D52BXXXXXXB	2.500(63.50)	2.600(66.04)
14	FPH25423-D14BXXXXXXB	.600(15.24)	.700(17.78)	54	FPH25423-D54BXXXXXXB	2.600(66.04)	2.700(68.58)
16	FPH25423-D16BXXXXXXB	.700(17.78)	.800(20.32)	56	FPH25423-D56BXXXXXXB	2.700(68.58)	2.800(71.12)
18	FPH25423-D18BXXXXXXB	.800(20.32)	.900(22.86)	58	FPH25423-D58BXXXXXXB	2.800(71.12)	2.900(73.66)
20	FPH25423-D20BXXXXXXB	.900(22.86)	1.000(25.40)	60	FPH25423-D60BXXXXXXB	2.900(73.66)	3.000(76.20)
22	FPH25423-D22BXXXXXXB	1.000(25.40)	1.100(27.94)	62	FPH25423-D62BXXXXXXB	3.000(76.20)	3.100(78.74)
24	FPH25423-D24BXXXXXXB	1.100(27.94)	1.200(30.48)	64	FPH25423-D64BXXXXXXB	3.100(78.74)	3.200(81.28)
26	FPH25423-D26BXXXXXXB	1.200(30.48)	1.300(33.02)	66	FPH25423-D66BXXXXXXB	3.200(81.28)	3.300(83.82)
28	FPH25423-D28BXXXXXXB	1.300(33.02)	1.400(35.56)	68	FPH25423-D68BXXXXXXB	3.300(83.82)	3.400(86.36)
30	FPH25423-D30BXXXXXXB	1.400(35.56)	1.500(38.10)	70	FPH25423-D70BXXXXXXB	3.400(86.36)	3.500(88.90)
32	FPH25423-D32BXXXXXXB	1.500(38.10)	1.600(40.64)	72	FPH25423-D72BXXXXXXB	3.500(88.90)	3.600(91.44)
34	FPH25423-D34BXXXXXXB	1.600(40.64)	1.700(43.18)	74	FPH25423-D74BXXXXXXB	3.600(91.44)	3.700(93.98)
36	FPH25423-D36BXXXXXXB	1.700(43.18)	1.800(45.72)	76	FPH25423-D76BXXXXXXB	3.700(93.98)	3.800(96.52)
38	FPH25423-D38BXXXXXXB	1.800(45.72)	1.900(48.26)	78	FPH25423-D78BXXXXXXB	3.800(96.52)	3.900(99.06)
40	FPH25423-D40BXXXXXXB	1.900(48.26)	2.000(50.80)	80	FPH25423-D80BXXXXXXB	3.900(99.06)	4.000(101.60)

THIRD ANGLE
PROJECTION

DESIGN UNITS
Inch (metric)

SCALE
5:1

SIZE
A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

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'

APPROVE BY
FRANK

CHECKED BY
CHERRY

DRAWN BY
JACOB

DATE
29/JUL/13

DATE
29/JUL/13

DATE
29/JUL/13

PART NO.
FPH25423-DXXBXXXXXXB

TITLE
Board to Board(Pin Header)
Pitch 2.54mm 90° Angle(DIP)

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ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ITEM NO.
FPH25423

REV 0

SHEET NO. 3/3

TXGA

Leader Of Industry