

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size change	02/FEB/21	KATE	CHERRY

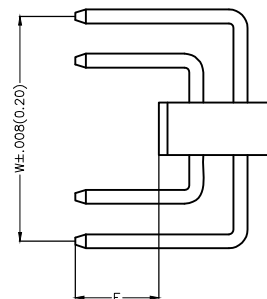
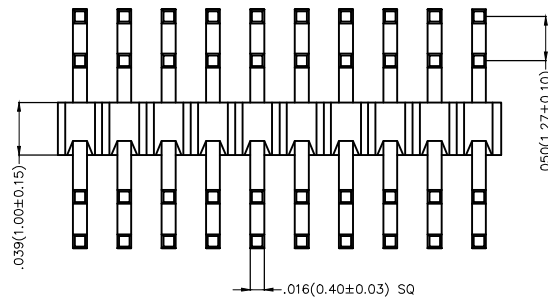
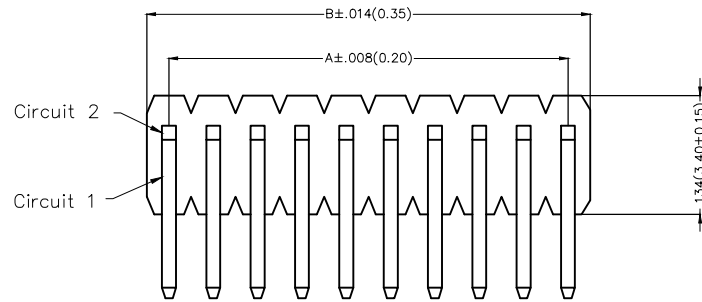
SPECIFICATIONS

Electrical

Current Rating:1.0A AC(rms)/DC
Contact Resistanc:20 mΩ Max
Insulation Resistance:1000 MΩ MIN
Withstanding Voltage:500V AC/Minute
Operting Temperature:−40°C~+105°C

Material

Housing: PA6T/PBT ,UL 94V−0
Pin:Brass
Pin Plating: Gold plated/ Selective gold plated on contact area and 120μ" Min. matte tin plated on tails area

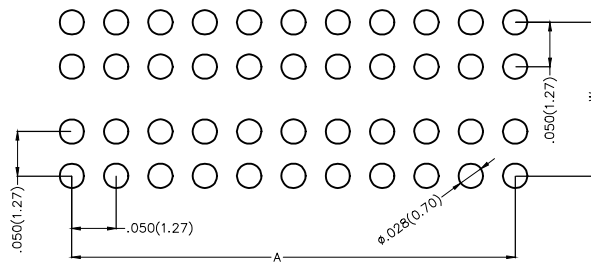


Ordering Information

FPH 127 44 — D XX B X XX X XX XX 00 B
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FPH—Pin Header 2 Series Number 127—Pitch1.27mm 3 Distinction No. 44 4 Row Option D—Double Row 5 Circuits XX 6 Entry Angle B—90° Angle

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 1—PBT 4—PA6T 10 E Size 01,02...—Serial number (See Table1) 11 W Size 01,02...—Serial number (See Table1) 12 Packaging B—PE Bag



Recommended P.C.Board Layout

Tolerances: ±.002(0.05)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 17/DEC/19	PART NO. FPH12744—DXXBXXXXXXXXX00B	ITEM NO. FPH12744	 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	17/DEC/19	Board to Board(Pin Header) Pitch 1.27mm 90° Angle(DIP)		REV 1	SHEET NO. 1/3
		X.XX±.006(0.15)	.XX'±1'	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			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'	ZOEY	17/DEC/19				

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 
4	FPH12744-D04BXXXXXXXXX00B	.100(1.27)	.100(2.54)	54	FPH12744-D54BXXXXXXXXX00B	1.300(33.02)	1.350(34.29)
6	FPH12744-D06BXXXXXXXXX00B	.100(2.54)	.150(3.81)	56	FPH12744-D56BXXXXXXXXX00B	1.350(34.29)	1.400(35.56)
8	FPH12744-D08BXXXXXXXXX00B	.150(3.81)	.200(5.08)	58	FPH12744-D58BXXXXXXXXX00B	1.400(35.56)	1.450(36.83)
10	FPH12744-D10BXXXXXXXXX00B	.200(5.08)	.250(6.35)	60	FPH12744-D60BXXXXXXXXX00B	1.450(36.83)	1.500(38.10)
12	FPH12744-D12BXXXXXXXXX00B	.250(6.35)	.300(7.62)	62	FPH12744-D62BXXXXXXXXX00B	1.500(38.10)	1.550(39.37)
14	FPH12744-D14BXXXXXXXXX00B	.300(7.62)	.350(8.89)	64	FPH12744-D64BXXXXXXXXX00B	1.550(39.37)	1.600(40.64)
16	FPH12744-D16BXXXXXXXXX00B	.350(8.89)	.400(10.16)	66	FPH12744-D66BXXXXXXXXX00B	1.600(40.64)	1.650(41.91)
18	FPH12744-D18BXXXXXXXXX00B	.400(10.16)	.450(11.43)	68	FPH12744-D68BXXXXXXXXX00B	1.650(41.91)	1.700(43.18)
20	FPH12744-D20BXXXXXXXXX00B	.450(11.43)	.500(12.70)	70	FPH12744-D70BXXXXXXXXX00B	1.700(43.18)	1.750(44.45)
22	FPH12744-D22BXXXXXXXXX00B	.500(12.70)	.550(13.97)	72	FPH12744-D72BXXXXXXXXX00B	1.750(44.45)	1.800(45.72)
24	FPH12744-D24BXXXXXXXXX00B	.550(13.97)	.600(15.24)	74	FPH12744-D74BXXXXXXXXX00B	1.800(45.72)	1.850(46.99)
26	FPH12744-D26BXXXXXXXXX00B	.600(15.24)	.650(16.51)	76	FPH12744-D76BXXXXXXXXX00B	1.850(46.99)	1.900(48.26)
28	FPH12744-D28BXXXXXXXXX00B	.650(16.51)	.700(17.78)	78	FPH12744-D78BXXXXXXXXX00B	1.900(48.26)	1.950(49.53)
30	FPH12744-D30BXXXXXXXXX00B	.700(17.78)	.750(19.05)	80	FPH12744-D80BXXXXXXXXX00B	1.950(49.53)	2.000(50.80)
32	FPH12744-D32BXXXXXXXXX00B	.750(19.05)	.800(20.32)	82	FPH12744-D82BXXXXXXXXX00B	2.000(50.80)	2.050(52.07)
34	FPH12744-D34BXXXXXXXXX00B	.800(20.32)	.850(21.59)	84	FPH12744-D84BXXXXXXXXX00B	2.050(52.07)	2.100(53.34)
36	FPH12744-D36BXXXXXXXXX00B	.850(21.59)	.900(22.86)	86	FPH12744-D86BXXXXXXXXX00B	2.100(53.34)	2.150(54.61)
38	FPH12744-D38BXXXXXXXXX00B	.900(22.86)	.950(24.13)	88	FPH12744-D88BXXXXXXXXX00B	2.150(54.61)	2.200(55.88)
40	FPH12744-D40BXXXXXXXXX00B	.950(24.13)	1.000(25.40)	90	FPH12744-D90BXXXXXXXXX00B	2.200(55.88)	2.250(57.15)
42	FPH12744-D42BXXXXXXXXX00B	1.000(25.40)	1.050(26.67)	92	FPH12744-D92BXXXXXXXXX00B	2.250(57.15)	2.300(58.42)
44	FPH12744-D44BXXXXXXXXX00B	1.050(26.67)	1.100(27.94)	94	FPH12744-D94BXXXXXXXXX00B	2.300(58.42)	2.350(59.69)
46	FPH12744-D46BXXXXXXXXX00B	1.100(27.94)	1.150(29.21)	96	FPH12744-D96BXXXXXXXXX00B	2.350(59.69)	2.400(60.96)
48	FPH12744-D48BXXXXXXXXX00B	1.150(29.21)	1.200(30.48)	98	FPH12744-D98BXXXXXXXXX00B	2.400(60.96)	2.450(62.23)
50	FPH12744-D50BXXXXXXXXX00B	1.200(30.48)	1.250(31.75)	100	FPH12744-D100BXXXXXXXXX00B	2.450(62.23)	2.500(63.50)
52	FPH12744-D52BXXXXXXXXX00B	1.250(31.75)	1.300(33.02)				



THIRD ANGLE
PROJECTION

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.±.012(0.30)	X.±5°
X.X±.008(0.20)	X.±2°
X.XX±.006(0.15)	.XX±1°
X.XXX±.004(0.10)	.XXX±0.5°

APPROVE BY
FRANK

CHECKED BY
CHERRY

DRAWN BY
ZOEY

DATE
17/DEC/19

DATE
17/DEC/19

DATE
17/DEC/19

PART NO.
FPH12744-DXXBXXXXXXXXX00B

TITLE
Board to Board(Pin Header)
Pitch 1.27mm 90° Angle(DIP)

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ITEM NO.
FPH12744

REV 1

SHEET NO. 3/3



Leader Of Industry