

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	14/Apr/25	NICK	LEO
2	△	Structure change	17/Apr/25	NICK	LEO

A

B

C

D

E

F

A

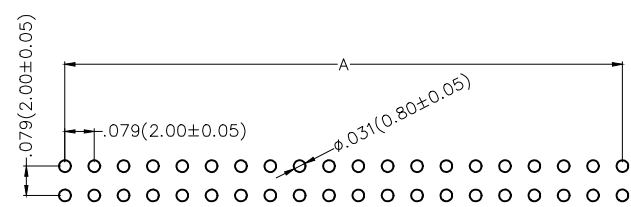
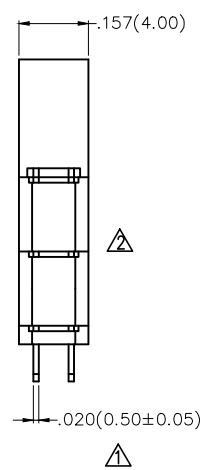
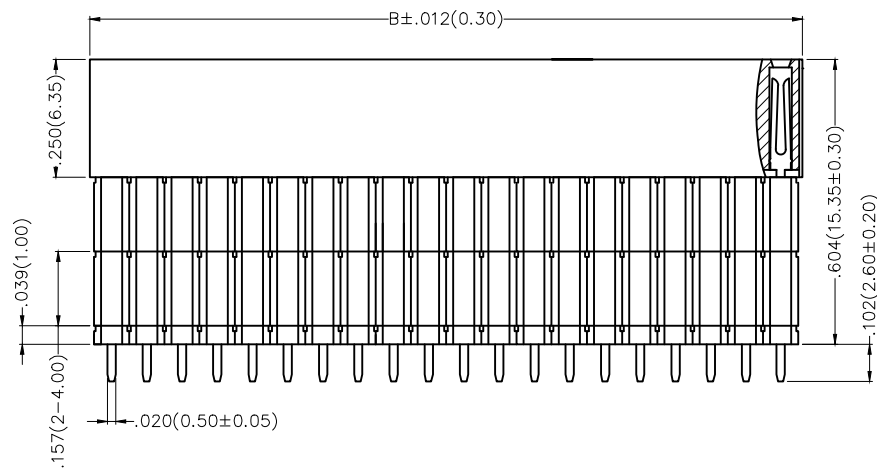
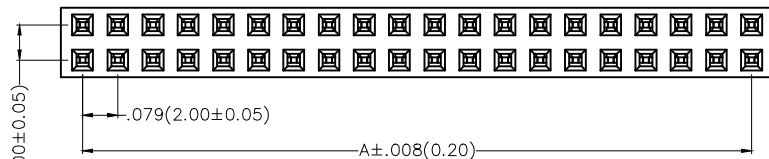
B

C

D

E

F



Recommended P.C.Board Layout

SPECIFICATIONS

Electrical
 Current Rating: 2A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material and Plating
 Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, matte tin on tail

Ordering Information

FFH 200 37 — D XX S X XX 4 K6 K
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 200—Pitch 2.00mm	3 Distinction No. 37	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated 3—Selective gold on contact area, matte tin on tail	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 4—PA6T	10 Color—Resin K6—Black	11 Packaging K—Tray	



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/23	PART NO. FFH20037-DXXSXX4K6K	ITEM NO. FFH20037	<p>Building Technology Cornerstone</p>
	DESIGN UNITS METRIC	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board (Female Header) Pitch 2mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY YYQ	DATE 30/JAN/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.XXX ±0.10	X.XXX* ±0.5°			REV 2	SHEET NO. 1/1

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FFH20037-D02SXXX4K6K	-	.102(2.60)	42	FFH20037-D42SXXX4K6K	1.575(40.00)	1.677(42.60)
4	FFH20037-D04SXXX4K6K	.079(2.00)	.181(4.60)	44	FFH20037-D44SXXX4K6K	1.654(42.00)	1.756(44.60)
6	FFH20037-D06SXXX4K6K	.157(4.00)	.260(6.50)	46	FFH20037-D46SXXX4K6K	1.732(44.00)	1.835(46.60)
8	FFH20037-D08SXXX4K6K	.236(6.00)	.339(8.60)	48	FFH20037-D48SXXX4K6K	1.811(46.00)	1.913(48.60)
10	FFH20037-D10SXXX4K6K	.315(8.00)	.417(10.60)	50	FFH20037-D50SXXX4K6K	1.890(48.00)	1.992(50.60)
12	FFH20037-D12SXXX4K6K	.394(10.00)	.496(12.0)	52	FFH20037-D52SXXX4K6K	1.969(50.00)	2.071(52.60)
14	FFH20037-D14SXXX4K6K	.472(12.00)	.575(14.60)	54	FFH20037-D54SXXX4K6K	2.047(52.00)	2.150(54.60)
16	FFH20037-D16SXXX4K6K	.551(14.00)	.654(16.60)	56	FFH20037-D56SXXX4K6K	2.126(54.00)	2.228(56.60)
18	FFH20037-D18SXXX4K6K	.630(16.00)	.732(18.60)	58	FFH20037-D58SXXX4K6K	2.205(56.00)	2.307(58.60)
20	FFH20037-D20SXXX4K6K	.709(18.00)	.811(20.60)	60	FFH20037-D60SXXX4K6K	2.283(58.00)	2.386(60.60)
22	FFH20037-D22SXXX4K6K	.787(20.00)	.890(22.60)	62	FFH20037-D62SXXX4K6K	2.362(60.00)	2.465(62.60)
24	FFH20037-D24SXXX4K6K	.866(22.00)	.969(24.60)	64	FFH20037-D64SXXX4K6K	2.441(62.00)	2.543(64.60)
26	FFH20037-D26SXXX4K6K	.945(24.00)	1.047(26.60)	66	FFH20037-D66SXXX4K6K	2.520(64.00)	2.622(66.60)
28	FFH20037-D28SXXX4K6K	1.024(26.00)	1.126(28.60)	68	FFH20037-D68SXXX4K6K	2.598(66.00)	2.701(68.60)
30	FFH20037-D30SXXX4K6K	1.102(28.00)	1.205(30.60)	70	FFH20037-D70SXXX4K6K	2.677(68.00)	2.780(70.60)
32	FFH20037-D32SXXX4K6K	1.181(30.00)	1.283(32.60)	72	FFH20037-D72SXXX4K6K	2.756(70.00)	2.858(72.60)
34	FFH20037-D34SXXX4K6K	1.260(32.00)	1.362(34.60)	74	FFH20037-D74SXXX4K6K	2.835(72.00)	2.937(74.60)
36	FFH20037-D36SXXX4K6K	1.339(34.00)	1.441(36.60)	76	FFH20037-D76SXXX4K6K	2.913(74.00)	3.016(76.60)
38	FFH20037-D38SXXX4K6K	1.417(36.00)	1.520(38.60)	78	FFH20037-D78SXXX4K6K	2.992(76.00)	3.094(78.60)
40	FFH20037-D40SXXX4K6K	1.496(38.00)	1.598(40.60)	80	FFH20037-D80SXXX4K6K	3.071(78.00)	3.173(80.60)

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	X. ±0.30	X.* ±5*	CHECKED BY GISELLE	DATE 30/JAN/23	TITLE Board to Board (Female Header) Pitch 2mm 180° Vertical (DIP)			REV 2
	DESIGN UNITS METRIC	X.X ±0.20	X.X* ±2*	DRAWN BY YYQ	DATE 30/JAN/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1/1
	SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1*	X.XXX ±0.10	X.XXX* ±0.5*		

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