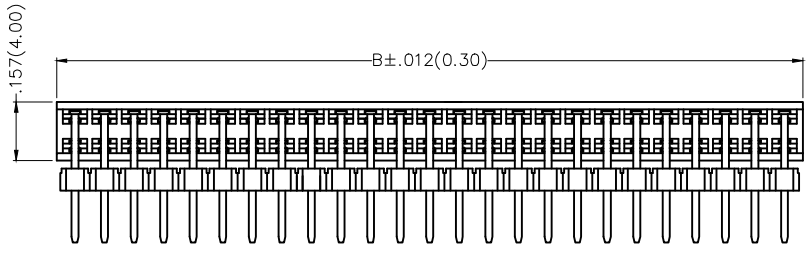
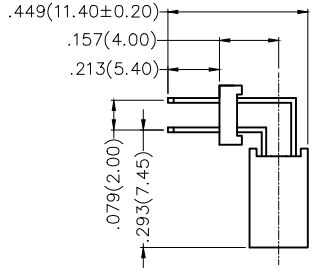
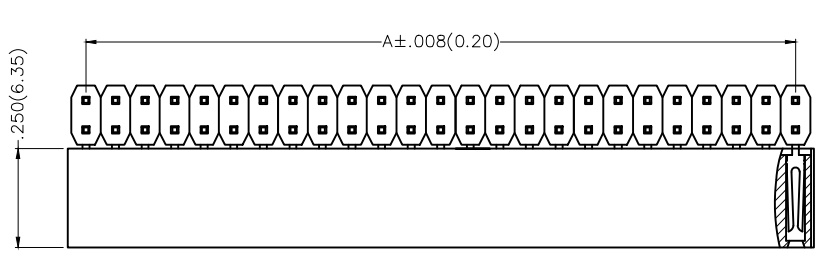


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A



B



C

SPECIFICATIONS

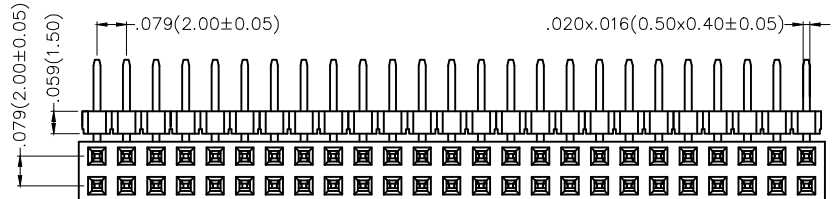
Electrical

- 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

D



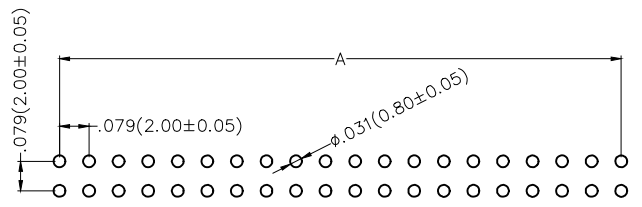
Ordering Information

FFH 200 33 — D XX B X XX 4 K6 K
 1 2 3 4 5 6 7 8 9 10 11

E

1 Category FFH—Female Header	2 Series Number 200—Pitch2.00mm	3 Distinction No. 33	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle B—90° Angle
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	

F

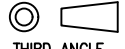



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/17	PART NO. FFH20033-DXXBXXX4K6K	ITEM NO. FFH20033	<p>Leader Of Industry</p>
	DESIGN UNITS Inch (metric)	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°	CHECKED BY CHERRY	DATE 04/JAN/17	TITLE Board to Board (Female Header) Pitch 2mm 90° Angle (DIP)	
SCALE 5:1	SIZE A4	DRAWN BY KATE	DATE 04/JAN/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0	SHEET NO. 1/2

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	FFH20033-D02BXXX4K6K	-	.102(2.60)	42	FFH20033-D42BXXX4K6K	1.575(40.00)	1.677(42.60)
4	FFH20033-D04BXXX4K6K	.079(2.00)	.181(4.60)	44	FFH20033-D44BXXX4K6K	1.654(42.00)	1.756(44.60)
6	FFH20033-D06BXXX4K6K	.157(4.00)	.260(6.50)	46	FFH20033-D46BXXX4K6K	1.732(44.00)	1.835(46.60)
8	FFH20033-D08BXXX4K6K	.236(6.00)	.339(8.60)	48	FFH20033-D48BXXX4K6K	1.811(46.00)	1.913(48.60)
10	FFH20033-D10BXXX4K6K	.315(8.00)	.417(10.60)	50	FFH20033-D50BXXX4K6K	1.890(48.00)	1.992(50.60)
12	FFH20033-D12BXXX4K6K	.394(10.00)	.496(12.00)	52	FFH20033-D52BXXX4K6K	1.969(50.00)	2.071(52.60)
14	FFH20033-D14BXXX4K6K	.472(12.00)	.575(14.60)	54	FFH20033-D54BXXX4K6K	2.047(52.00)	2.150(54.60)
16	FFH20033-D16BXXX4K6K	.551(14.00)	.654(16.60)	56	FFH20033-D56BXXX4K6K	2.126(54.00)	2.228(56.60)
18	FFH20033-D18BXXX4K6K	.630(16.00)	.732(18.60)	58	FFH20033-D58BXXX4K6K	2.205(56.00)	2.307(58.60)
20	FFH20033-D20BXXX4K6K	.709(18.00)	.811(20.60)	60	FFH20033-D60BXXX4K6K	2.283(58.00)	2.386(60.60)
22	FFH20033-D22BXXX4K6K	.787(20.00)	.890(22.60)	62	FFH20033-D62BXXX4K6K	2.362(60.00)	2.465(62.60)
24	FFH20033-D24BXXX4K6K	.866(22.00)	.969(24.60)	64	FFH20033-D64BXXX4K6K	2.441(62.00)	2.543(64.60)
26	FFH20033-D26BXXX4K6K	.945(24.00)	1.047(26.60)	66	FFH20033-D66BXXX4K6K	2.520(64.00)	2.622(66.60)
28	FFH20033-D28BXXX4K6K	1.024(26.00)	1.126(28.60)	68	FFH20033-D68BXXX4K6K	2.598(66.00)	2.701(68.60)
30	FFH20033-D30BXXX4K6K	1.102(28.00)	1.205(30.60)	70	FFH20033-D70BXXX4K6K	2.677(68.00)	2.780(70.60)
32	FFH20033-D32BXXX4K6K	1.181(30.00)	1.283(32.60)	72	FFH20033-D72BXXX4K6K	2.756(70.00)	2.858(72.60)
34	FFH20033-D34BXXX4K6K	1.260(32.00)	1.362(34.60)	74	FFH20033-D74BXXX4K6K	2.835(72.00)	2.937(74.60)
36	FFH20033-D36BXXX4K6K	1.339(34.00)	1.441(36.60)	76	FFH20033-D76BXXX4K6K	2.913(74.00)	3.016(76.60)
38	FFH20033-D38BXXX4K6K	1.417(36.00)	1.520(38.60)	78	FFH20033-D78BXXX4K6K	2.992(76.00)	3.094(78.60)
40	FFH20033-D40BXXX4K6K	1.496(38.00)	1.598(40.60)	80	FFH20033-D80BXXX4K6K	3.071(78.00)	3.173(80.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/17	PART NO. FFH20033-DXXBXXX4K6K	ITEM NO. FFH20033	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 04/JAN/17	TITLE Board to Board (Female Header) Pitch 2mm 90° Angle (DIP)		
		X.X±.008(0.20)	.X'±2"	DRAWN BY KATE	DATE 04/JAN/17	REV 0		SHEET NO. 2/2
		X.XX±.006(0.15)	.XX'±1'	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'					