

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

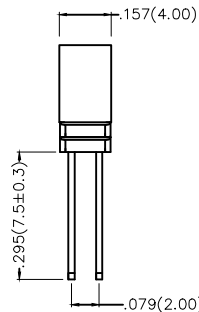
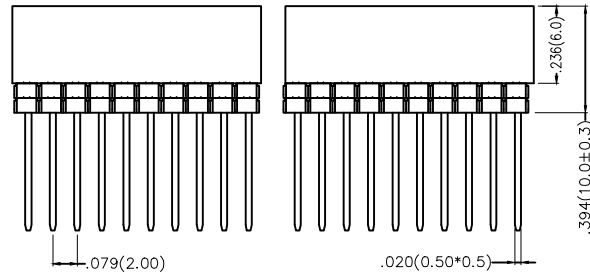
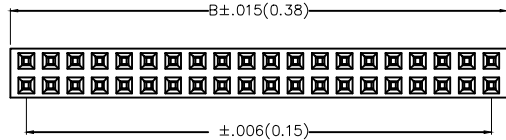
B

C

D

E

F



Electrical

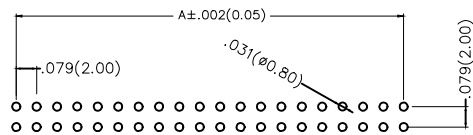
Current Rating: 1A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 500 MΩ MIN
 Withstanding Voltage: 100V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material and Plating

Housing: PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold in contact area,
 matte(bright) tin on tail

Ordering Information

FFH 200 31 — D XX S X XX 4 K6 K
 1 2 3 4 5 6 7 8 9 10 11



Recommended P.C.Board Layout



1 Category FFH—Female Header	2 Series Number 200—Pitch 2.0mm	3 Distinction No. 31	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated 3—Selective gold in contact area, matte(bright) 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 FRANK	DATE 08/JUL/15	PART NO. FFH20031—DXXSXXX4K6K	ITEM NO. FFH20031	<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 08/JUL/15	TITLE Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4	DRAWN BY KEVIN		DATE 08/JUL/15	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH20031-D04SXXX4K6K	.079(2.00)	.177(4.50)	44	FFH20031-D44SXXX4K6K	1.654(42.00)	1.752(44.50)
6	FFH20031-D06SXXX4K6K	.157(4.00)	.256(6.50)	46	FFH20031-D46SXXX4K6K	1.732(44.00)	1.831(46.50)
8	FFH20031-D08SXXX4K6K	.236(6.00)	.335(8.50)	48	FFH20031-D48SXXX4K6K	1.811(46.00)	1.909(48.50)
10	FFH20031-D10SXXX4K6K	.315(8.00)	.413(10.50)	50	FFH20031-D50SXXX4K6K	1.890(48.00)	1.988(50.50)
12	FFH20031-D12SXXX4K6K	.394(10.00)	.492(12.50)	52	FFH20031-D52SXXX4K6K	1.969(50.00)	2.067(52.50)
14	FFH20031-D14SXXX4K6K	.472(12.00)	.571(14.50)	54	FFH20031-D54SXXX4K6K	2.047(52.00)	2.146(54.50)
16	FFH20031-D16SXXX4K6K	.551(14.00)	.650(16.50)	56	FFH20031-D56SXXX4K6K	2.126(54.00)	2.224(56.50)
18	FFH20031-D18SXXX4K6K	.630(16.00)	.728(18.50)	58	FFH20031-D58SXXX4K6K	2.205(56.00)	2.303(58.50)
20	FFH20031-D20SXXX4K6K	.709(18.00)	.807(20.50)	60	FFH20031-D60SXXX4K6K	2.283(58.00)	2.382(60.50)
22	FFH20031-D22SXXX4K6K	.787(20.00)	.886(22.50)	62	FFH20031-D62SXXX4K6K	2.362(60.00)	2.460(62.50)
24	FFH20031-D24SXXX4K6K	.866(22.00)	.965(24.50)	64	FFH20031-D64SXXX4K6K	2.441(62.00)	2.539(64.50)
26	FFH20031-D26SXXX4K6K	.845(24.00)	1.043(26.50)	66	FFH20031-D66SXXX4K6K	2.520(64.00)	2.618(66.50)
28	FFH20031-D28SXXX4K6K	1.024(26.00)	1.122(28.50)	68	FFH20031-D68SXXX4K6K	2.598(66.00)	2.697(68.50)
30	FFH20031-D30SXXX4K6K	1.102(28.00)	1.201(30.50)	70	FFH20031-D70SXXX4K6K	2.677(68.00)	2.776(70.50)
32	FFH20031-D32SXXX4K6K	1.181(30.00)	1.280(32.50)	72	FFH20031-D72SXXX4K6K	2.756(70.00)	2.854(72.50)
34	FFH20031-D34SXXX4K6K	1.260(32.00)	1.358(34.50)	74	FFH20031-D74SXXX4K6K	2.835(72.00)	2.933(74.50)
36	FFH20031-D36SXXX4K6K	1.339(34.00)	1.437(36.50)	76	FFH20031-D76SXXX4K6K	2.913(74.00)	3.012(76.50)
38	FFH20031-D38SXXX4K6K	1.417(36.00)	1.516(38.50)	78	FFH20031-D78SXXX4K6K	2.992(76.00)	3.091(78.50)
40	FFH20031-D40SXXX4K6K	1.496(38.00)	1.594(40.50)	80	FFH20031-D80SXXX4K6K	3.071(78.00)	3.169(80.50)
42	FFH20031-D42SXXX4K6K	1.575(40.00)	1.673(42.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 08/JUL/15	PART NO. FFH20031-DXXSXXX4K6K	ITEM NO. FFH20031	 Leader Of Industry	
	X.±.012(0.30)	.X'±5'	CHECKED BY CHERRY	DATE 08/JUL/15	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.XX'±2'	DRAWN BY KEVIN	DATE 08/JUL/15	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)	.XX'±0.5'				