

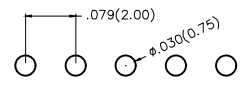
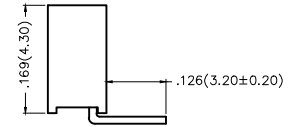
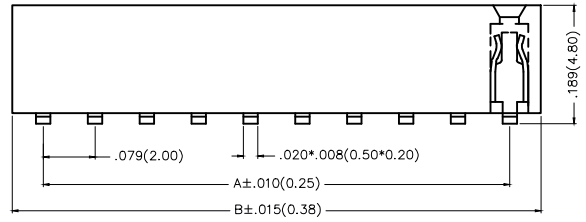
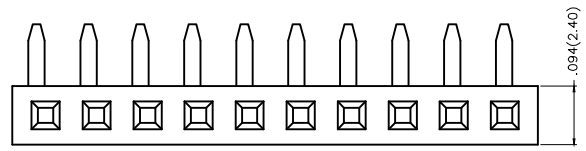
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F

A
B
C
D
E
F

Electrical
 Current Rating: 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: PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, tin on tail



Recommended P.C.Board Layout

Ordering Information

FFH 200 02 — S XX B 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—Pitch2.0mm
- 3 Distinction No.: 02
- 4 Row Option: S—Single Row
- 5 Circuits: XX
- 6 Entry Angle: B—90° Angle
- 7 Plating: 1—Gold Plated, 3—Selective gold on contact area, 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

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20002-SXXBXXX4K6K	ITEM NO. FFH20002	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X'±5' .X'±2'	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE Board to Board (Female Header) Pitch 2.0mm 90° Angle (DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	DRAWN BY JACOB	DATE 22/AUG/13	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
2	FFH20002-S02BXXX4K6K	.079(2.00)	.177(4.50)	22	FFH20002-S22BXXX4K6K	1.654(42.00)	1.752(44.50)
3	FFH20002-S03BXXX4K6K	.157(4.00)	.256(6.50)	23	FFH20002-S23BXXX4K6K	1.732(44.00)	1.831(46.50)
4	FFH20002-S04BXXX4K6K	.236(6.00)	.335(8.50)	24	FFH20002-S24BXXX4K6K	1.811(46.00)	1.909(48.50)
5	FFH20002-S05BXXX4K6K	.315(8.00)	.413(10.50)	25	FFH20002-S25BXXX4K6K	1.890(48.00)	1.988(50.50)
6	FFH20002-S06BXXX4K6K	.394(10.00)	.492(12.50)	26	FFH20002-S26BXXX4K6K	1.969(50.00)	2.067(52.50)
7	FFH20002-S07BXXX4K6K	.472(12.00)	.571(14.50)	27	FFH20002-S27BXXX4K6K	2.047(52.00)	2.146(54.50)
8	FFH20002-S08BXXX4K6K	.551(14.00)	.650(16.50)	28	FFH20002-S28BXXX4K6K	2.126(54.00)	2.224(56.50)
9	FFH20002-S09BXXX4K6K	.630(16.00)	.728(18.50)	29	FFH20002-S29BXXX4K6K	2.205(56.00)	2.303(58.50)
10	FFH20002-S10BXXX4K6K	.709(18.00)	.807(20.50)	30	FFH20002-S30BXXX4K6K	2.283(58.00)	2.382(60.50)
11	FFH20002-S11BXXX4K6K	.787(20.00)	.886(22.50)	31	FFH20002-S31BXXX4K6K	2.362(60.00)	2.460(62.50)
12	FFH20002-S12BXXX4K6K	.866(22.00)	.965(24.50)	32	FFH20002-S32BXXX4K6K	2.441(62.00)	2.539(64.50)
13	FFH20002-S13BXXX4K6K	.845(24.00)	1.043(26.50)	33	FFH20002-S33BXXX4K6K	2.520(64.00)	2.618(66.50)
14	FFH20002-S14BXXX4K6K	1.024(26.00)	1.122(28.50)	34	FFH20002-S34BXXX4K6K	2.598(66.00)	2.697(68.50)
15	FFH20002-S15BXXX4K6K	1.102(28.00)	1.201(30.50)	35	FFH20002-S35BXXX4K6K	2.677(68.00)	2.776(70.50)
16	FFH20002-S16BXXX4K6K	1.181(30.00)	1.280(32.50)	36	FFH20002-S36BXXX4K6K	2.756(70.00)	2.854(72.50)
17	FFH20002-S17BXXX4K6K	1.260(32.00)	1.358(34.50)	37	FFH20002-S37BXXX4K6K	2.835(72.00)	2.933(74.50)
18	FFH20002-S18BXXX4K6K	1.339(34.00)	1.437(36.50)	38	FFH20002-S38BXXX4K6K	2.913(74.00)	3.012(76.50)
19	FFH20002-S19BXXX4K6K	1.417(36.00)	1.516(38.50)	39	FFH20002-S39BXXX4K6K	2.992(76.00)	3.091(78.50)
20	FFH20002-S20BXXX4K6K	1.496(38.00)	1.594(40.50)	40	FFH20002-S40BXXX4K6K	3.071(78.00)	3.169(80.50)
21	FFH20002-S21BXXX4K6K	1.575(40.00)	1.673(42.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20002-SXXBXXX4K6K	ITEM NO. FFH20002	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE Board to Board (Female Header) Pitch 2.00mm 90° Angle (DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 22/AUG/13	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.XX±.006(0.15)	.XX'±1'				

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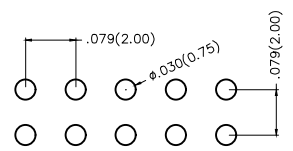
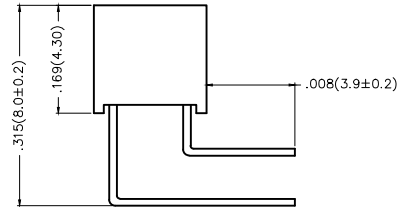
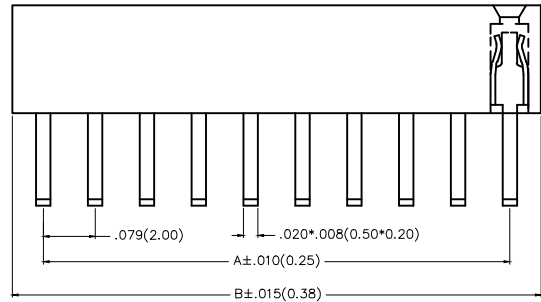
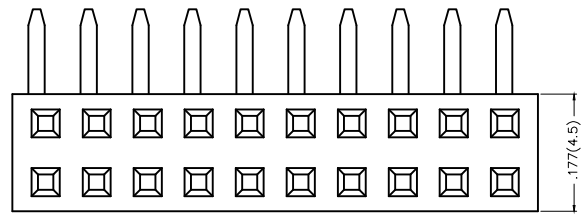
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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



Recommended P.C.Board Layout

Ordering Information

FFH 200 02 — D XX B 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 2.0mm	3	Distinction No. 02	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, 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		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20002—DXXBXXX4K6K	ITEM NO. FFH20002	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X'±5' .X'±2'	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE Board to Board (Female Header) Pitch 2.0mm 90° Angle (DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1' .XXX'±0.5'	DRAWN BY JACOB	DATE 22/AUG/13	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

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	FFH20002-D04BXXX4K6K	.079(2.00)	.177(4.50)	44	FFH20002-D44BXXX4K6K	1.654(42.00)	1.752(44.50)
6	FFH20002-D06BXXX4K6K	.157(4.00)	.256(6.50)	46	FFH20002-D46BXXX4K6K	1.732(44.00)	1.831(46.50)
8	FFH20002-D08BXXX4K6K	.236(6.00)	.335(8.50)	48	FFH20002-D48BXXX4K6K	1.811(46.00)	1.909(48.50)
10	FFH20002-D10BXXX4K6K	.315(8.00)	.413(10.50)	50	FFH20002-D50BXXX4K6K	1.890(48.00)	1.988(50.50)
12	FFH20002-D12BXXX4K6K	.394(10.00)	.492(12.50)	52	FFH20002-D52BXXX4K6K	1.969(50.00)	2.067(52.50)
14	FFH20002-D14BXXX4K6K	.472(12.00)	.571(14.50)	54	FFH20002-D54BXXX4K6K	2.047(52.00)	2.146(54.50)
16	FFH20002-D16BXXX4K6K	.551(14.00)	.650(16.50)	56	FFH20002-D56BXXX4K6K	2.126(54.00)	2.224(56.50)
18	FFH20002-D18BXXX4K6K	.630(16.00)	.728(18.50)	58	FFH20002-D58BXXX4K6K	2.205(56.00)	2.303(58.50)
20	FFH20002-D20BXXX4K6K	.709(18.00)	.807(20.50)	60	FFH20002-D60BXXX4K6K	2.283(58.00)	2.382(60.50)
22	FFH20002-D22BXXX4K6K	.787(20.00)	.886(22.50)	62	FFH20002-D62BXXX4K6K	2.362(60.00)	2.460(62.50)
24	FFH20002-D24BXXX4K6K	.866(22.00)	.965(24.50)	64	FFH20002-D64BXXX4K6K	2.441(62.00)	2.539(64.50)
26	FFH20002-D26BXXX4K6K	.845(24.00)	1.043(26.50)	66	FFH20002-D66BXXX4K6K	2.520(64.00)	2.618(66.50)
28	FFH20002-D28BXXX4K6K	1.024(26.00)	1.122(28.50)	68	FFH20002-D68BXXX4K6K	2.598(66.00)	2.697(68.50)
30	FFH20002-D30BXXX4K6K	1.102(28.00)	1.201(30.50)	70	FFH20002-D70BXXX4K6K	2.677(68.00)	2.776(70.50)
32	FFH20002-D32BXXX4K6K	1.181(30.00)	1.280(32.50)	72	FFH20002-D72BXXX4K6K	2.756(70.00)	2.854(72.50)
34	FFH20002-D34BXXX4K6K	1.260(32.00)	1.358(34.50)	74	FFH20002-D74BXXX4K6K	2.835(72.00)	2.933(74.50)
36	FFH20002-D36BXXX4K6K	1.339(34.00)	1.437(36.50)	76	FFH20002-D76BXXX4K6K	2.913(74.00)	3.012(76.50)
38	FFH20002-D38BXXX4K6K	1.417(36.00)	1.516(38.50)	78	FFH20002-D78BXXX4K6K	2.992(76.00)	3.091(78.50)
40	FFH20002-D40BXXX4K6K	1.496(38.00)	1.594(40.50)	80	FFH20002-D80BXXX4K6K	3.071(78.00)	3.169(80.50)
42	FFH20002-D42BXXX4K6K	1.575(40.00)	1.673(42.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20002-DXXBXXX4K6K	ITEM NO. FFH20002	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE Board to Board (Female Header) Pitch 2.00mm 90° Angle (DIP)	
SCALE 5:1		SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY JACOB	DATE 22/AUG/13	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±.004(0.10)	.XXX±0.5'			REV 0	SHEET NO. 2/2