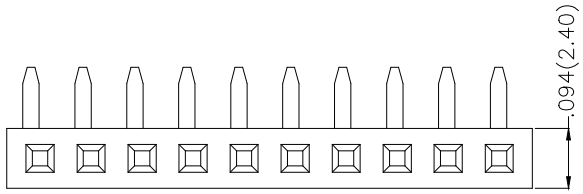
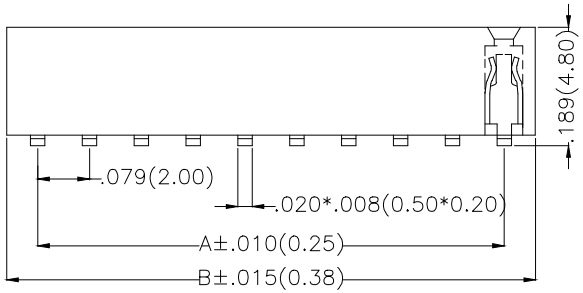
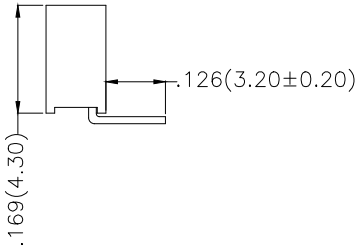
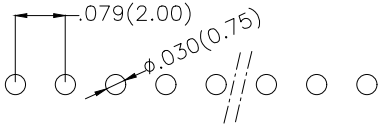
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Material change	03/Nov/26	NICK	LEO









Recommended P.C.Board Layout

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: Phosphor Bronze
- Plating: Gold Plated/Selective gold on contact area, tin on tail

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	DATE	PART NO. / ITEM NO.
	X.±.012(0.30)	X.°±5°	FRANK	22/AUG/13	FFH20002-SXXBXXX4K6K / FFH20002
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE: Board to Board (Female Header) Pitch 2.0mm 90° Angle (DIP)
	X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE	REV 1 / SHEET NO. 1/2
SCALE 5:1 / SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°	JACOB	22/AUG/13	

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FFH20002-S02BXXX4K6K	.079(2.00)	.177(4.50)
3	FFH20002-S03BXXX4K6K	.157(4.00)	.256(6.50)
4	FFH20002-S04BXXX4K6K	.236(6.00)	.335(8.50)
5	FFH20002-S05BXXX4K6K	.315(8.00)	.413(10.50)
6	FFH20002-S06BXXX4K6K	.394(10.00)	.492(12.50)
7	FFH20002-S07BXXX4K6K	.472(12.00)	.571(14.50)
8	FFH20002-S08BXXX4K6K	.551(14.00)	.650(16.50)
9	FFH20002-S09BXXX4K6K	.630(16.00)	.728(18.50)
10	FFH20002-S10BXXX4K6K	.709(18.00)	.807(20.50)
11	FFH20002-S11BXXX4K6K	.787(20.00)	.886(22.50)
12	FFH20002-S12BXXX4K6K	.866(22.00)	.965(24.50)
13	FFH20002-S13BXXX4K6K	.845(24.00)	1.043(26.50)
14	FFH20002-S14BXXX4K6K	1.024(26.00)	1.122(28.50)
15	FFH20002-S15BXXX4K6K	1.102(28.00)	1.201(30.50)
16	FFH20002-S16BXXX4K6K	1.181(30.00)	1.280(32.50)
17	FFH20002-S17BXXX4K6K	1.260(32.00)	1.358(34.50)
18	FFH20002-S18BXXX4K6K	1.339(34.00)	1.437(36.50)
19	FFH20002-S19BXXX4K6K	1.417(36.00)	1.516(38.50)
20	FFH20002-S20BXXX4K6K	1.496(38.00)	1.594(40.50)
21	FFH20002-S21BXXX4K6K	1.575(40.00)	1.673(42.50)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
22	FFH20002-S22BXXX4K6K	1.654(42.00)	1.752(44.50)
23	FFH20002-S23BXXX4K6K	1.732(44.00)	1.831(46.50)
24	FFH20002-S24BXXX4K6K	1.811(46.00)	1.909(48.50)
25	FFH20002-S25BXXX4K6K	1.890(48.00)	1.988(50.50)
26	FFH20002-S26BXXX4K6K	1.969(50.00)	2.067(52.50)
27	FFH20002-S27BXXX4K6K	2.047(52.00)	2.146(54.50)
28	FFH20002-S28BXXX4K6K	2.126(54.00)	2.224(56.50)
29	FFH20002-S29BXXX4K6K	2.205(56.00)	2.303(58.50)
30	FFH20002-S30BXXX4K6K	2.283(58.00)	2.382(60.50)
31	FFH20002-S31BXXX4K6K	2.362(60.00)	2.460(62.50)
32	FFH20002-S32BXXX4K6K	2.441(62.00)	2.539(64.50)
33	FFH20002-S33BXXX4K6K	2.520(64.00)	2.618(66.50)
34	FFH20002-S34BXXX4K6K	2.598(66.00)	2.697(68.50)
35	FFH20002-S35BXXX4K6K	2.677(68.00)	2.776(70.50)
36	FFH20002-S36BXXX4K6K	2.756(70.00)	2.854(72.50)
37	FFH20002-S37BXXX4K6K	2.835(72.00)	2.933(74.50)
38	FFH20002-S38BXXX4K6K	2.913(74.00)	3.012(76.50)
39	FFH20002-S39BXXX4K6K	2.992(76.00)	3.091(78.50)
40	FFH20002-S40BXXX4K6K	3.071(78.00)	3.169(80.50)

THIRD ANGLE PROJECTION

DESIGN UNITS Inch (metric)

SCALE 5:1 | SIZE A4

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	DATE 22/AUG/13
CHECKED BY	CHERRY	DATE 22/AUG/13
DRAWN BY	JACOB	DATE 22/AUG/13

PART NO. FFH20002-SXXBXXX4K6K

ITEM NO. FFH20002

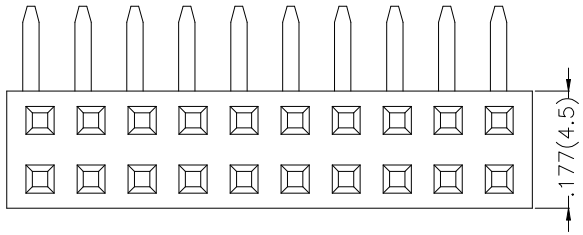
TITLE
Board to Board (Female Header)
Pitch 2.00mm 90° Angle (DIP)

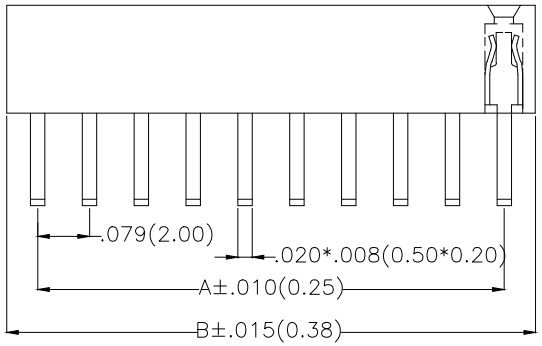
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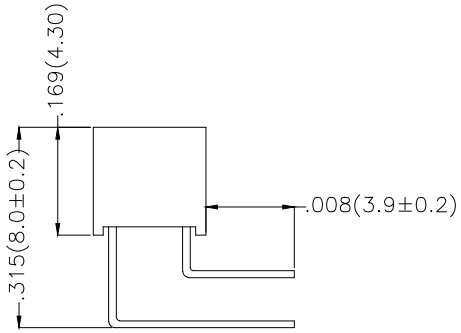
REV 1 | SHEET NO. 2/2

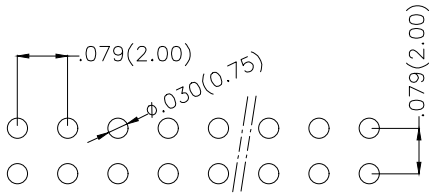
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Material change	03/Nov/26	NICK	LEO









Recommended P.C.Board Layout

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: Phosphor Bronze
- Plating: Gold Plated/Selective gold on contact area, tin on tail

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−Pitch2.0mm	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	DATE	PART NO. / ITEM NO.
	X.±.012(0.30)	X.°±5°	FRANK	22/AUG/13	FFH20002-DXXBXXX4K6K / FFH20002
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE: Board to Board (Female Header) Pitch 2.0mm 90° Angle (DIP)
	X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE	REV 1 / SHEET NO. 1/2
SCALE 5:1 / SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°	JACOB	22/AUG/13	

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm) A	Dimensions(in/mm) B
4	FFH20002-D04BXXX4K6K	.079(2.00)	.177(4.50)
6	FFH20002-D06BXXX4K6K	.157(4.00)	.256(6.50)
8	FFH20002-D08BXXX4K6K	.236(6.00)	.335(8.50)
10	FFH20002-D10BXXX4K6K	.315(8.00)	.413(10.50)
12	FFH20002-D12BXXX4K6K	.394(10.00)	.492(12.50)
14	FFH20002-D14BXXX4K6K	.472(12.00)	.571(14.50)
16	FFH20002-D16BXXX4K6K	.551(14.00)	.650(16.50)
18	FFH20002-D18BXXX4K6K	.630(16.00)	.728(18.50)
20	FFH20002-D20BXXX4K6K	.709(18.00)	.807(20.50)
22	FFH20002-D22BXXX4K6K	.787(20.00)	.886(22.50)
24	FFH20002-D24BXXX4K6K	.866(22.00)	.965(24.50)
26	FFH20002-D26BXXX4K6K	.845(24.00)	1.043(26.50)
28	FFH20002-D28BXXX4K6K	1.024(26.00)	1.122(28.50)
30	FFH20002-D30BXXX4K6K	1.102(28.00)	1.201(30.50)
32	FFH20002-D32BXXX4K6K	1.181(30.00)	1.280(32.50)
34	FFH20002-D34BXXX4K6K	1.260(32.00)	1.358(34.50)
36	FFH20002-D36BXXX4K6K	1.339(34.00)	1.437(36.50)
38	FFH20002-D38BXXX4K6K	1.417(36.00)	1.516(38.50)
40	FFH20002-D40BXXX4K6K	1.496(38.00)	1.594(40.50)
42	FFH20002-D42BXXX4K6K	1.575(40.00)	1.673(42.50)

Circuits (n)	Part No.	Dimensions(in/mm) A	Dimensions(in/mm) B
44	FFH20002-D44BXXX4K6K	1.654(42.00)	1.752(44.50)
46	FFH20002-D46BXXX4K6K	1.732(44.00)	1.831(46.50)
48	FFH20002-D48BXXX4K6K	1.811(46.00)	1.909(48.50)
50	FFH20002-D50BXXX4K6K	1.890(48.00)	1.988(50.50)
52	FFH20002-D52BXXX4K6K	1.969(50.00)	2.067(52.50)
54	FFH20002-D54BXXX4K6K	2.047(52.00)	2.146(54.50)
56	FFH20002-D56BXXX4K6K	2.126(54.00)	2.224(56.50)
58	FFH20002-D58BXXX4K6K	2.205(56.00)	2.303(58.50)
60	FFH20002-D60BXXX4K6K	2.283(58.00)	2.382(60.50)
62	FFH20002-D62BXXX4K6K	2.362(60.00)	2.460(62.50)
64	FFH20002-D64BXXX4K6K	2.441(62.00)	2.539(64.50)
66	FFH20002-D66BXXX4K6K	2.520(64.00)	2.618(66.50)
68	FFH20002-D68BXXX4K6K	2.598(66.00)	2.697(68.50)
70	FFH20002-D70BXXX4K6K	2.677(68.00)	2.776(70.50)
72	FFH20002-D72BXXX4K6K	2.756(70.00)	2.854(72.50)
74	FFH20002-D74BXXX4K6K	2.835(72.00)	2.933(74.50)
76	FFH20002-D76BXXX4K6K	2.913(74.00)	3.012(76.50)
78	FFH20002-D78BXXX4K6K	2.992(76.00)	3.091(78.50)
80	FFH20002-D80BXXX4K6K	3.071(78.00)	3.169(80.50)

THIRD ANGLE PROJECTION

DESIGN UNITS Inch (metric)

SCALE 5:1 | SIZE A4

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	DATE 22/AUG/13
CHECKED BY	CHERRY	DATE 22/AUG/13
DRAWN BY	JACOB	DATE 22/AUG/13

PART NO. FFH20002-DXXBXXX4K6K

ITEM NO. FFH20002

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TITLE
Board to Board (Female Header)
Pitch 2.00mm 90° Angle (DIP)

REV 1 | SHEET NO. 2/2

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