

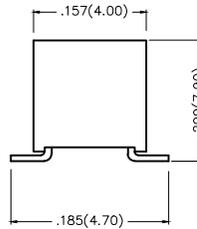
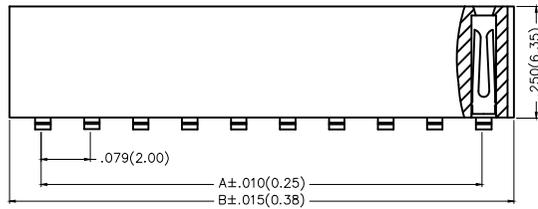
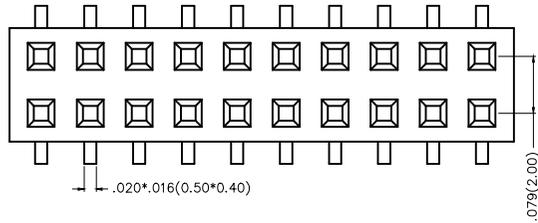
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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

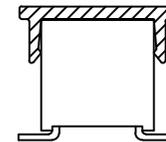
Material and Plating

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

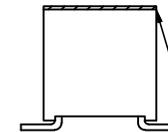


Packing: M—Reel(With Cap)

Packing: M1—Reel(With Mylar)



SMT Clamping Buckle

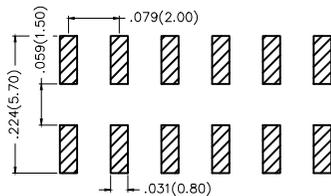


SMT Mylar

Ordering Information

FFH 200 14 — D XX S X XX 4 K6 XX
 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. 14	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, 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 M—Reel(With Cap) M1—Reel(With Mylar)	

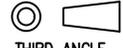


Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/JUL/13	PART NO. FFH20014—DXXSXX4K6XX	ITEM NO. FFH20014	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X'±5" X.X±.008(0.20) .X'±2"	CHECKED BY CHERRY	DATE 23/JUL/13	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (SMT)	REV 0	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1" X.XXX±.004(0.10) .XXX'±0.5"	DRAWN BY JACOB	DATE 23/JUL/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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH20014-D04SXXX4K6M	.079(2.00)	.177(4.50)	44	FFH20014-D44SXXX4K6M	1.654(42.00)	1.752(44.50)
6	FFH20014-D06SXXX4K6M	.157(4.00)	.256(6.50)	46	FFH20014-D46SXXX4K6M	1.732(44.00)	1.831(46.50)
8	FFH20014-D08SXXX4K6M	.236(6.00)	.335(8.50)	48	FFH20014-D48SXXX4K6M	1.811(46.00)	1.909(48.50)
10	FFH20014-D10SXXX4K6M	.315(8.00)	.413(10.50)	50	FFH20014-D50SXXX4K6M	1.890(48.00)	1.988(50.50)
12	FFH20014-D12SXXX4K6M	.394(10.00)	.492(12.50)	52	FFH20014-D52SXXX4K6M	1.969(50.00)	2.067(52.50)
14	FFH20014-D14SXXX4K6M	.472(12.00)	.571(14.50)	54	FFH20014-D54SXXX4K6M	2.047(52.00)	2.146(54.50)
16	FFH20014-D16SXXX4K6M	.551(14.00)	.650(16.50)	56	FFH20014-D56SXXX4K6M	2.126(54.00)	2.224(56.50)
18	FFH20014-D18SXXX4K6M	.630(16.00)	.728(18.50)	58	FFH20014-D58SXXX4K6M	2.205(56.00)	2.303(58.50)
20	FFH20014-D20SXXX4K6M	.709(18.00)	.807(20.50)	60	FFH20014-D60SXXX4K6M	2.283(58.00)	2.382(60.50)
22	FFH20014-D22SXXX4K6M	.787(20.00)	.886(22.50)	62	FFH20014-D62SXXX4K6M	2.362(60.00)	2.460(62.50)
24	FFH20014-D24SXXX4K6M	.866(22.00)	.965(24.50)	64	FFH20014-D64SXXX4K6M	2.441(62.00)	2.539(64.50)
26	FFH20014-D26SXXX4K6M	.845(24.00)	1.043(26.50)	66	FFH20014-D66SXXX4K6M	2.520(64.00)	2.618(66.50)
28	FFH20014-D28SXXX4K6M	1.024(26.00)	1.122(28.50)	68	FFH20014-D68SXXX4K6M	2.598(66.00)	2.697(68.50)
30	FFH20014-D30SXXX4K6M	1.102(28.00)	1.201(30.50)	70	FFH20014-D70SXXX4K6M	2.677(68.00)	2.776(70.50)
32	FFH20014-D32SXXX4K6M	1.181(30.00)	1.280(32.50)	72	FFH20014-D72SXXX4K6M	2.756(70.00)	2.854(72.50)
34	FFH20014-D34SXXX4K6M	1.260(32.00)	1.358(34.50)	74	FFH20014-D74SXXX4K6M	2.835(72.00)	2.933(74.50)
36	FFH20014-D36SXXX4K6M	1.339(34.00)	1.437(36.50)	76	FFH20014-D76SXXX4K6M	2.913(74.00)	3.012(76.50)
38	FFH20014-D38SXXX4K6M	1.417(36.00)	1.516(38.50)	78	FFH20014-D78SXXX4K6M	2.992(76.00)	3.091(78.50)
40	FFH20014-D40SXXX4K6M	1.496(38.00)	1.594(40.50)	80	FFH20014-D80SXXX4K6M	3.071(78.00)	3.169(80.50)
42	FFH20014-D42SXXX4K6M	1.575(40.00)	1.673(42.50)				

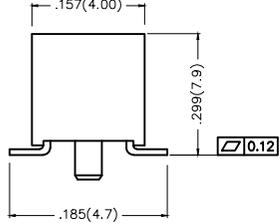
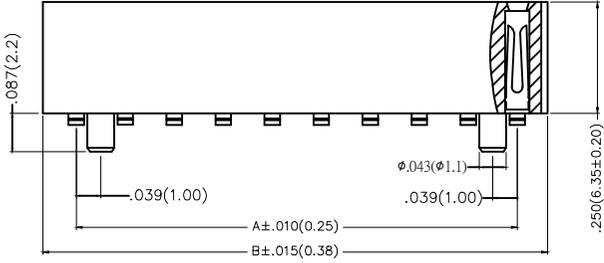
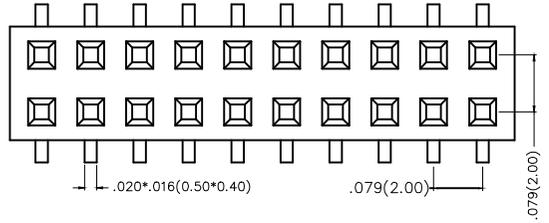
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/JUL/13	PART NO. FFH20014-DXXSXXX4K6XX	ITEM NO. FFH20014	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X°±2° .XX'±1" .XXX'±0.5"	CHECKED BY CHERRY	DATE 23/JUL/13	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A4		DRAWN BY JACOB	DATE 23/JUL/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. 2/2

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F

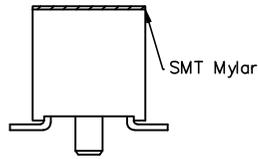
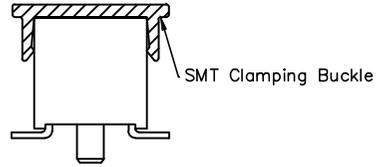
A
B
C
D
E
F

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, matte tin on tail



Packing: M-Reel(With Cap)

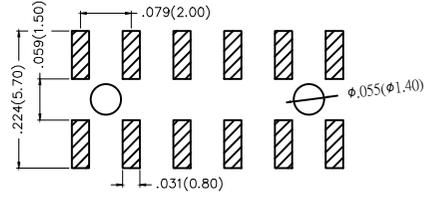
Packing: M1-Reel(With Mylar)



Ordering Information

FFH 200 14 — D XX S X XX 4 K6 XX A
 1 2 3 4 5 6 7 8 9 10 11 12

Category FFH-Female Header	Series Number 200-Pitch2.0mm	Distinction No. 14	Row Option D-Double Row	Circuits XX	Entry Angle S-180° Vertical
Plating 1-Gold Plated 3-Selective gold on contact area, tin on tail	Thickness of Plating 00-Gold Flash 05-5μ" Custom plate available	Material-Resin 4-PA6T	Color-Resin K6-Black	Packaging M-Reel(With Cap) M1-Reel(With Mylar)	Type A-With Position



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/22	PART NO. FFH20014-DXXSXX4K6XXA	ITEM NO. FFH20014	 Leader Of Industry
	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 22/AUG/22	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	DRAWN BY MATT		DATE 22/AUG/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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	FFH20014-D04SXXX4K6MA	.079(2.00)	.177(4.50)	44	FFH20014-D44SXXX4K6MA	1.654(42.00)	1.752(44.50)
6	FFH20014-D06SXXX4K6MA	.157(4.00)	.256(6.50)	46	FFH20014-D46SXXX4K6MA	1.732(44.00)	1.831(46.50)
8	FFH20014-D08SXXX4K6MA	.236(6.00)	.335(8.50)	48	FFH20014-D48SXXX4K6MA	1.811(46.00)	1.909(48.50)
10	FFH20014-D10SXXX4K6MA	.315(8.00)	.413(10.50)	50	FFH20014-D50SXXX4K6MA	1.890(48.00)	1.988(50.50)
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14	FFH20014-D14SXXX4K6MA	.472(12.00)	.571(14.50)	54	FFH20014-D54SXXX4K6MA	2.047(52.00)	2.146(54.50)
16	FFH20014-D16SXXX4K6MA	.551(14.00)	.650(16.50)	56	FFH20014-D56SXXX4K6MA	2.126(54.00)	2.224(56.50)
18	FFH20014-D18SXXX4K6MA	.630(16.00)	.728(18.50)	58	FFH20014-D58SXXX4K6MA	2.205(56.00)	2.303(58.50)
20	FFH20014-D20SXXX4K6MA	.709(18.00)	.807(20.50)	60	FFH20014-D60SXXX4K6MA	2.283(58.00)	2.382(60.50)
22	FFH20014-D22SXXX4K6MA	.787(20.00)	.886(22.50)	62	FFH20014-D62SXXX4K6MA	2.362(60.00)	2.460(62.50)
24	FFH20014-D24SXXX4K6MA	.866(22.00)	.965(24.50)	64	FFH20014-D64SXXX4K6MA	2.441(62.00)	2.539(64.50)
26	FFH20014-D26SXXX4K6MA	.845(24.00)	1.043(26.50)	66	FFH20014-D66SXXX4K6MA	2.520(64.00)	2.618(66.50)
28	FFH20014-D28SXXX4K6MA	1.024(26.00)	1.122(28.50)	68	FFH20014-D68SXXX4K6MA	2.598(66.00)	2.697(68.50)
30	FFH20014-D30SXXX4K6MA	1.102(28.00)	1.201(30.50)	70	FFH20014-D70SXXX4K6MA	2.677(68.00)	2.776(70.50)
32	FFH20014-D32SXXX4K6MA	1.181(30.00)	1.280(32.50)	72	FFH20014-D72SXXX4K6MA	2.756(70.00)	2.854(72.50)
34	FFH20014-D34SXXX4K6MA	1.260(32.00)	1.358(34.50)	74	FFH20014-D74SXXX4K6MA	2.835(72.00)	2.933(74.50)
36	FFH20014-D36SXXX4K6MA	1.339(34.00)	1.437(36.50)	76	FFH20014-D76SXXX4K6MA	2.913(74.00)	3.012(76.50)
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42	FFH20014-D42SXXX4K6MA	1.575(40.00)	1.673(42.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/22	PART NO. FFH20014-DXXSXXX4K6XXA	ITEM NO. FFH20014	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 22/AUG/22	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (SMT)		REV 0
SCALE 5:1		SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY MATT	DATE 22/AUG/22	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'					