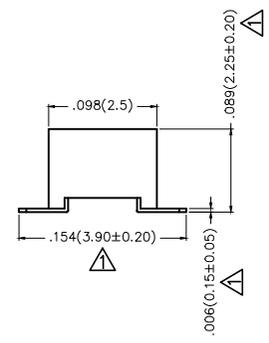
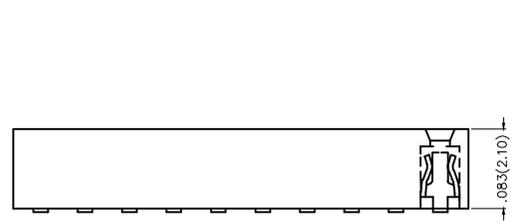
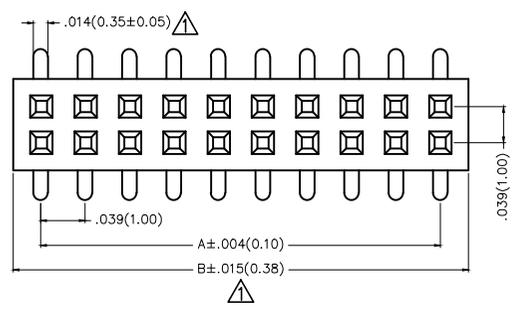


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	20/APR/21	KATE	JOHNNY
2	△	Amend Electrical specification	14/JUN/24	KATE	LEO

Electrical

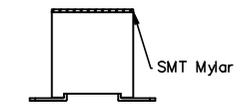
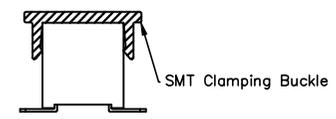
Current Rating: 1A AC(rms)/DC  
Voltage Rating: 250V AC(rms)/DC  
Contact Resistance: 20 mΩ Max  
Insulation Resistance: 1000 MΩ MIN △  
Withstanding Voltage: 500V AC r.m.s △  
Temperature Range—Operating: -40°C~+85°C

Material and Plating  
Housing: PA6T( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Gold Plated



Packing: M—Reel(With Cap)

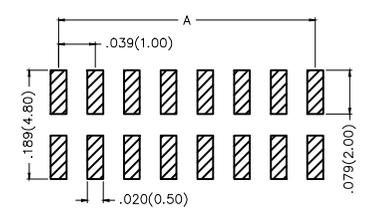
Packing: M1—Reel(With Mylar)



Ordering Information

FFH 100 01 — 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 100—Pitch1.0mm	3 Distinction No. 01	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated	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) L—Tube	

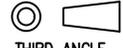


Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFH10001—DXXSXX4K6XX	ITEM NO. FFH10001	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) .X'±5'	CHECKED BY CHERRY	DATE 5/AUG/13	TITLE Board to Board (Female Header) Pitch 1.0mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1"	DRAWN BY JACOB	DATE 5/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 2 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
4	FFH10001-D04SXXX4K6M	.039(1.00)	.098(2.50)	44	FFH10001-D44SXXX4K6M	.827(21.00)	.886(22.50)
6	FFH10001-D06SXXX4K6M	.079(2.00)	.138(3.50)	46	FFH10001-D46SXXX4K6M	.866(22.00)	.925(23.50)
8	FFH10001-D08SXXX4K6M	.152(3.00)	.177(4.50)	48	FFH10001-D48SXXX4K6M	.906(23.00)	.965(24.50)
10	FFH10001-D10SXXX4K6M	.157(4.00)	.217(5.50)	50	FFH10001-D50SXXX4K6M	.945(24.00)	1.004(25.50)
12	FFH10001-D12SXXX4K6M	.197(5.00)	.256(6.50)	52	FFH10001-D52SXXX4K6M	.984(25.00)	1.043(26.50)
14	FFH10001-D14SXXX4K6M	.236(6.00)	.296(7.50)	54	FFH10001-D54SXXX4K6M	1.024(26.00)	1.083(27.50)
16	FFH10001-D16SXXX4K6M	.276(7.00)	.335(8.50)	56	FFH10001-D56SXXX4K6M	1.063(27.00)	1.122(28.50)
18	FFH10001-D18SXXX4K6M	.315(8.00)	.374(9.50)	58	FFH10001-D58SXXX4K6M	1.102(28.00)	1.161(29.50)
20	FFH10001-D20SXXX4K6M	.354(9.00)	.413(10.50)	60	FFH10001-D60SXXX4K6M	1.142(29.00)	1.201(30.50)
22	FFH10001-D22SXXX4K6M	.394(10.00)	.453(11.50)	62	FFH10001-D62SXXX4K6M	1.181(30.00)	1.240(31.50)
24	FFH10001-D24SXXX4K6M	.433(11.00)	.492(12.50)	64	FFH10001-D64SXXX4K6M	1.221(31.00)	1.280(32.50)
26	FFH10001-D26SXXX4K6M	.472(12.00)	.531(13.50)	66	FFH10001-D66SXXX4K6M	1.260(32.00)	1.319(33.50)
28	FFH10001-D28SXXX4K6M	.512(13.00)	.571(14.50)	68	FFH10001-D68SXXX4K6M	1.299(33.00)	1.358(34.50)
30	FFH10001-D30SXXX4K6M	.551(14.00)	.610(15.50)	70	FFH10001-D70SXXX4K6M	1.339(34.00)	1.397(35.50)
32	FFH10001-D32SXXX4K6M	.591(15.00)	.650(16.50)	72	FFH10001-D72SXXX4K6M	1.378(35.00)	1.437(36.50)
34	FFH10001-D34SXXX4K6M	.630(16.00)	.689(17.50)	74	FFH10001-D74SXXX4K6M	1.417(36.00)	1.476(37.50)
36	FFH10001-D36SXXX4K6M	.670(17.00)	.728(18.50)	76	FFH10001-D76SXXX4K6M	1.457(37.00)	1.516(38.50)
38	FFH10001-D38SXXX4K6M	.709(18.00)	.767(19.50)	78	FFH10001-D78SXXX4K6M	1.496(38.00)	1.555(39.50)
40	FFH10001-D40SXXX4K6M	.748(19.00)	.807(20.50)	80	FFH10001-D80SXXX4K6M	1.535(39.00)	1.594(40.50)
42	FFH10001-D42SXXX4K6M	.787(20.00)	.846(21.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/AUG/13	PART NO. FFH10001-DXXSXXX4K6XX	ITEM NO. FFH10001	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 5/AUG/13	TITLE Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)		
		X.XX±.006(0.15)	.XX±1'	DRAWN BY JACOB	DATE 5/AUG/13	REV 2		SHEET NO. 2/2
		X.XXX±.004(0.10)	.XXX±0.5'	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

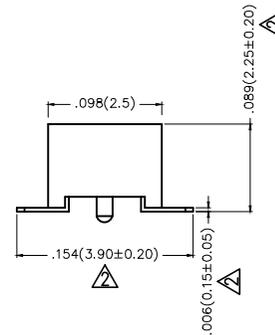
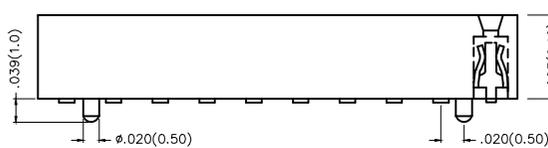
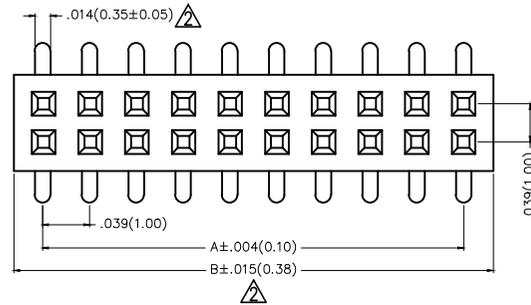
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Part NO. FFH10002 Change to FFH10001A	20150831	CHERRY	FAN
2	△	Size changes	20/APR/21	KATE	JOHNNY
3	△	Amend Electrical specification	14/JUN/24	KATE	LEO

Electrical

Current Rating: 1A 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

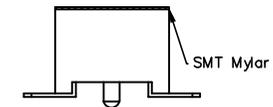
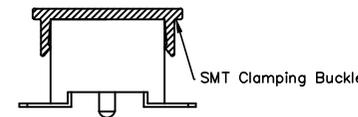
Material and Plating

Housing: PA6T( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Gold Plated



Packing: M—Reel(With Cap)

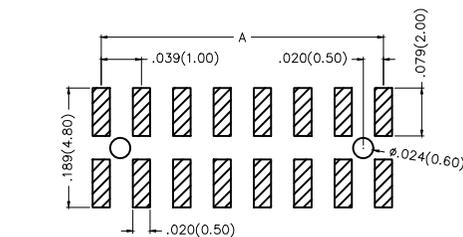
Packing: M1—Reel(With Mylar)



Ordering Information

FFH 100 01 — D XX S X XX 4 K6 XX A  
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFH—Female Header	2 Series Number 100—Pitch1.00mm	3 Distinction No. 1	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated	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) L—Tube	12 Type A—With Position



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. △ FFH10001—DXXSXX4K6MA	ITEM NO. FFH10001	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X'±5" X.X±.008(0.20) .X'±2"	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1" X.XXX±.004(0.10) .XXX'±0.5"	DRAWN BY JACOB	DATE 10/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
8	FFH10001-D08SXXX4K6MA	.118(3.00)	.177(4.50)	46	FFH10001-D46S1XX4K6MA	.866(22.00)	.925(23.50)
10	FFH10001-D10SXXX4K6MA	.157(4.00)	.217(5.50)	48	FFH10001-D48S1XX4K6MA	.906(23.00)	.965(24.50)
12	FFH10001-D12SXXX4K6MA	.197(5.00)	.256(6.50)	50	FFH10001-D50S1XX4K6MA	.945(24.00)	1.004(25.50)
14	FFH10001-D14SXXX4K6MA	.236(6.00)	.296(7.50)	52	FFH10001-D52S1XX4K6MA	.984(25.00)	1.043(26.50)
16	FFH10001-D16SXXX4K6MA	.276(7.00)	.335(8.50)	54	FFH10001-D54S1XX4K6MA	1.024(26.00)	1.083(27.50)
18	FFH10001-D18SXXX4K6MA	.315(8.00)	.374(9.50)	56	FFH10001-D56S1XX4K6MA	1.063(27.00)	1.122(28.50)
20	FFH10001-D20SXXX4K6MA	.354(9.00)	.413(10.50)	58	FFH10001-D58S1XX4K6MA	1.102(28.00)	1.161(29.50)
22	FFH10001-D22SXXX4K6MA	.394(10.00)	.453(11.50)	60	FFH10001-D60S1XX4K6MA	1.142(29.00)	1.201(30.50)
24	FFH10001-D24S1XX4K6MA	.433(11.00)	.492(12.50)	62	FFH10001-D62S1XX4K6MA	1.181(30.00)	1.240(31.50)
26	FFH10001-D26S1XX4K6MA	.472(12.00)	.531(13.50)	64	FFH10001-D64S1XX4K6MA	1.221(31.00)	1.280(32.50)
28	FFH10001-D28S1XX4K6MA	.512(13.00)	.571(14.50)	66	FFH10001-D66S1XX4K6MA	1.260(32.00)	1.319(33.50)
30	FFH10001-D30S1XX4K6MA	.551(14.00)	.610(15.50)	68	FFH10001-D68S1XX4K6MA	1.299(33.00)	1.358(34.50)
32	FFH10001-D32S1XX4K6MA	.591(15.00)	.650(16.50)	70	FFH10001-D70S1XX4K6MA	1.339(34.00)	1.397(35.50)
34	FFH10001-D34S1XX4K6MA	.630(16.00)	.689(17.50)	72	FFH10001-D72S1XX4K6MA	1.378(35.00)	1.437(36.50)
36	FFH10001-D36S1XX4K6MA	.670(17.00)	.728(18.50)	74	FFH10001-D74S1XX4K6MA	1.417(36.00)	1.476(37.50)
38	FFH10001-D38S1XX4K6MA	.709(18.00)	.767(19.50)	76	FFH10001-D76S1XX4K6MA	1.457(37.00)	1.516(38.50)
40	FFH10001-D40S1XX4K6MA	.748(19.00)	.807(20.50)	78	FFH10001-D78S1XX4K6MA	1.496(38.00)	1.555(39.50)
42	FFH10001-D42S1XX4K6MA	.787(20.00)	.846(21.50)	80	FFH10001-D80S1XX4K6MA	1.535(39.00)	1.594(40.50)
44	FFH10001-D44S1XX4K6MA	.827(21.00)	.886(22.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO.  FFH10001-DXXSXXX4K6MA	ITEM NO. FFH10001	 Leader Of Industry	
	X.±.012(0.30) X.±5'		CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)			REV 3 SHEET NO. 2/2
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20) .X'±2'	DRAWN BY JACOB	DATE 10/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			
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) .XX'±1'	X.XXX±.004(0.10) .XXX'±0.5'				