

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Structure change	13/MAY/20	KATE	CHERRY
2		Packaging "M" change Reel(With Mylar)	08/Apr/26	NICK	LEO

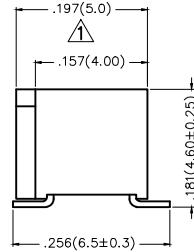
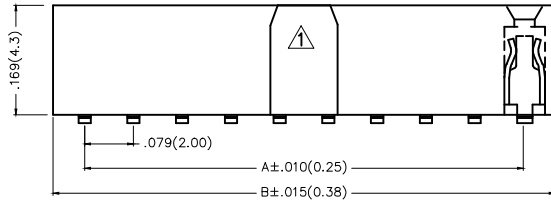
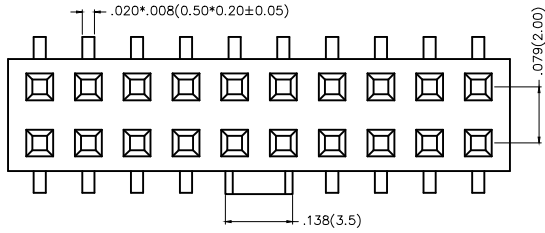
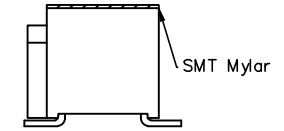
Electrical

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

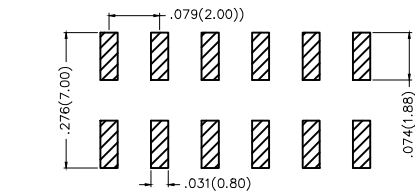
Packing: M—Reel(With Mylar)



Ordering Information

FFH 200 21 — D XX S X XX 4 K6 M  
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. 21	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 Mylar)		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry	
DESIGN UNITS	SIZE	X.±.012(0.30)	X.±5'	FRANK	23/JUL/13	FFH20021-DXXSXXX4K6M	FFH20021		
Inch (metric)	A4	X.X±.008(0.20)	.X±2'	CHERRY	23/JUL/13	TITLE Board to Board (Female Header) Pitch 2.0mm 180° Vertical (SMT)		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	X.XX±.006(0.15)	.XX±1'	DRAWN BY	DATE				
		X.XXX±.004(0.10)	.XXX±0.5'	JACOB	23/JUL/13				

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
8	FFH20021-D08SXXX4K6M	.236(6.00)	.335(8.50)	46	FFH20021-D46SXXX4K6M	1.732(44.00)	1.831(46.50)
10	FFH20021-D10SXXX4K6M	.315(8.00)	.413(10.50)	48	FFH20021-D48SXXX4K6M	1.811(46.00)	1.909(48.50)
12	FFH20021-D12SXXX4K6M	.394(10.00)	.492(12.50)	50	FFH20021-D50SXXX4K6M	1.890(48.00)	1.988(50.50)
14	FFH20021-D14SXXX4K6M	.472(12.00)	.571(14.50)	52	FFH20021-D52SXXX4K6M	1.969(50.00)	2.067(52.50)
16	FFH20021-D16SXXX4K6M	.551(14.00)	.650(16.50)	54	FFH20021-D54SXXX4K6M	2.047(52.00)	2.146(54.50)
18	FFH20021-D18SXXX4K6M	.630(16.00)	.728(18.50)	56	FFH20021-D56SXXX4K6M	2.126(54.00)	2.224(56.50)
20	FFH20021-D20SXXX4K6M	.709(18.00)	.807(20.50)	58	FFH20021-D58SXXX4K6M	2.205(56.00)	2.303(58.50)
22	FFH20021-D22SXXX4K6M	.787(20.00)	.886(22.50)	60	FFH20021-D60SXXX4K6M	2.283(58.00)	2.382(60.50)
24	FFH20021-D24SXXX4K6M	.866(22.00)	.965(24.50)	62	FFH20021-D62SXXX4K6M	2.362(60.00)	2.460(62.50)
26	FFH20021-D26SXXX4K6M	.845(24.00)	1.043(26.50)	64	FFH20021-D64SXXX4K6M	2.441(62.00)	2.539(64.50)
28	FFH20021-D28SXXX4K6M	1.024(26.00)	1.122(28.50)	66	FFH20021-D66SXXX4K6M	2.520(64.00)	2.618(66.50)
30	FFH20021-D30SXXX4K6M	1.102(28.00)	1.201(30.50)	68	FFH20021-D68SXXX4K6M	2.598(66.00)	2.697(68.50)
32	FFH20021-D32SXXX4K6M	1.181(30.00)	1.280(32.50)	70	FFH20021-D70SXXX4K6M	2.677(68.00)	2.776(70.50)
34	FFH20021-D34SXXX4K6M	1.260(32.00)	1.358(34.50)	72	FFH20021-D72SXXX4K6M	2.756(70.00)	2.854(72.50)
36	FFH20021-D36SXXX4K6M	1.339(34.00)	1.437(36.50)	74	FFH20021-D74SXXX4K6M	2.835(72.00)	2.933(74.50)
38	FFH20021-D38SXXX4K6M	1.417(36.00)	1.516(38.50)	76	FFH20021-D76SXXX4K6M	2.913(74.00)	3.012(76.50)
40	FFH20021-D40SXXX4K6M	1.496(38.00)	1.594(40.50)	78	FFH20021-D78SXXX4K6M	2.992(76.00)	3.091(78.50)
42	FFH20021-D42SXXX4K6M	1.575(40.00)	1.673(42.50)	80	FFH20021-D80SXXX4K6M	3.071(78.00)	3.169(80.50)
44	FFH20021-D44SXXX4K6M	1.654(42.00)	1.752(44.50)				

A

B

C

D

E

F

A

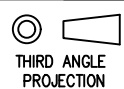

B

C

D

E

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 23/JUL/13	PART NO. FFH20021-DXXSXXX4K6M	ITEM NO. FFH20021	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.X±.012(0.30)	.X'±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	X.XX±.006(0.15)	.XX'±1"	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	
		X.XXX±.004(0.10)	.XXX'±0.5"			REV 2	SHEET NO. 2/2

1 2 3 4 5 6 7 8