

1 2 3 4 5 6 7 8

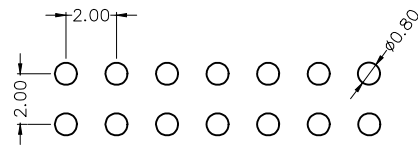
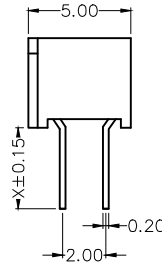
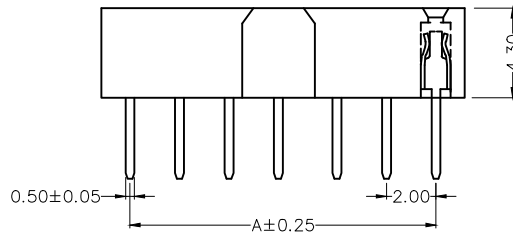
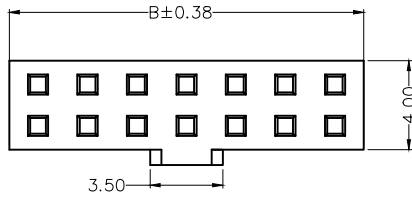
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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 18 — D XX S X XX 4 K6 K — A  
 1 2 3 4 5 6 7 8 9 10 11 12

1	Category FFH—Female Header	2	Series Number 200—Pitch2.0mm	3	Distinction No. 18	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 K—Tray	12	Type A—X=2.80mm

A

B

C

D

E

F

A

B

C

D

E

F

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 12/OCT/23	PART NO. FFH20018-DXXSXX4K6K-A	ITEM NO. FFH20018	Building Technology Cornerstone
	DESIGN UNITS METRIC(mm)	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 12/OCT/23	TITLE Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	DRAWN BY NICK	DATE 12/OCT/23	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

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
8	FFH20018-D08SXXX4K6K-A	6.00	8.50	46	FFH20018-D46SXXX4K6K-A	44.00	46.50
10	FFH20018-D10SXXX4K6K-A	8.00	10.50	48	FFH20018-D48SXXX4K6K-A	46.00	48.50
12	FFH20018-D12SXXX4K6K-A	10.00	12.50	50	FFH20018-D50SXXX4K6K-A	48.00	50.50
14	FFH20018-D14SXXX4K6K-A	12.00	14.50	52	FFH20018-D52SXXX4K6K-A	50.00	52.50
16	FFH20018-D16SXXX4K6K-A	14.00	16.50	54	FFH20018-D54SXXX4K6K-A	52.00	54.50
18	FFH20018-D18SXXX4K6K-A	16.00	18.50	56	FFH20018-D56SXXX4K6K-A	54.00	56.50
20	FFH20018-D20SXXX4K6K-A	18.00	20.50	58	FFH20018-D58SXXX4K6K-A	56.00	58.50
22	FFH20018-D22SXXX4K6K-A	20.00	22.50	60	FFH20018-D60SXXX4K6K-A	58.00	60.50
24	FFH20018-D24SXXX4K6K-A	22.00	24.50	62	FFH20018-D62SXXX4K6K-A	60.00	62.50
26	FFH20018-D26SXXX4K6K-A	24.00	26.50	64	FFH20018-D64SXXX4K6K-A	62.00	64.50
28	FFH20018-D28SXXX4K6K-A	26.00	28.50	66	FFH20018-D66SXXX4K6K-A	64.00	66.50
30	FFH20018-D30SXXX4K6K-A	28.00	30.50	68	FFH20018-D68SXXX4K6K-A	66.00	68.50
32	FFH20018-D32SXXX4K6K-A	30.00	32.50	70	FFH20018-D70SXXX4K6K-A	68.00	70.50
34	FFH20018-D34SXXX4K6K-A	32.00	34.50	72	FFH20018-D72SXXX4K6K-A	70.00	72.50
36	FFH20018-D36SXXX4K6K-A	34.00	36.50	74	FFH20018-D74SXXX4K6K-A	72.00	74.50
38	FFH20018-D38SXXX4K6K-A	36.00	38.50	76	FFH20018-D76SXXX4K6K-A	74.00	76.50
40	FFH20018-D40SXXX4K6K-A	38.00	40.50	78	FFH20018-D78SXXX4K6K-A	76.00	78.50
42	FFH20018-D42SXXX4K6K-A	40.00	42.50	80	FFH20018-D80SXXX4K6K-A	78.00	80.50
44	FFH20018-D44SXXX4K6K-A	42.00	44.50				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 12/OCT/23	PART NO. FFH20018-DXXSXXX4K6K-A	ITEM NO. FFH20018	 Building Technology Cornerstone	
	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 12/OCT/23	TITLE Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)			REV 0
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X' ±2'	DRAWN BY NICK	DATE 12/OCT/23	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 ±0.15	X.XX' ±1'	X.XXX ±0.10	X.XXX' ±0.5'		

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