

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠	Size change	02/NOV/21	MATT	CHERRY

Electrical

Current Rating: 2A AC(rms)/DC

Voltage Rating: 250V AC(rms)/DC

Contact Resistance: 20 m Ω Max

Insulation Resistance: 1000 M Ω MIN

Withstanding Voltage: 500V AC r.m.s

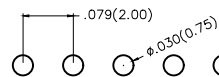
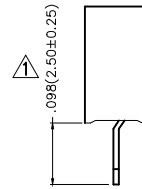
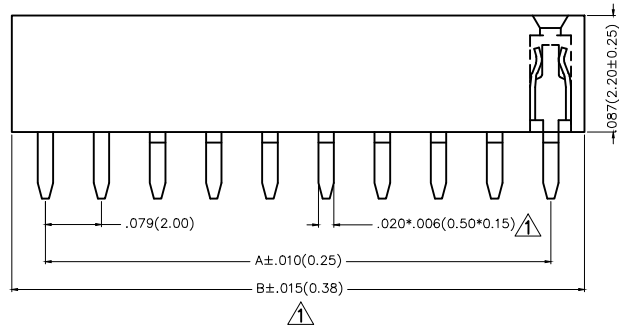
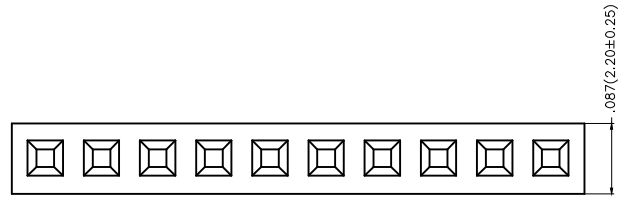
Temperature Range—Operating: -40°C~+85°C

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 17 — S XX S X XX 4 K6 K
1 2 3 4 5 6 7 8 9 10 11

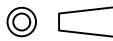
1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle
	FFH—Female Header		200—Pitch2.0mm		17		S—Single Row		XX		S—180° Vertical
7	Plating	8	Thickness of Plating	9	Material—Resin	10	Color—Resin	11	Packaging		
	1—Gold Plated 3—Selective gold on contact area, tin on tail		00—Gold Flash 05—5 μ " Custom plate available		4—PA6T		K6—Black		K—Tray		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-SXXSXXX4K6K	ITEM NO. FFH20017	 Leader Of Industry		
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE				
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X±2°	CHERRY	22/AUG/13	Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)			REV 1	SHEET NO. 1/1
		X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE	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.XXX±.004(0.10)	XXX±0.5°	JACOB	22/AUG/13					

1		2		3		4		5		6		7		8	
										REV	LOCATIONS	DESCRIPTION	DATE	REWSER	APPD
A															
B															
C															
D															
E															
F															

Circuits (n)	Part No.	Dimensions(in./mm)	
		A	B 
2	FFH20017-S02SXXX4K6K	.079(2.00)	.169(4.30)
3	FFH20017-S03SXXX4K6K	.157(4.00)	.248(6.30)
4	FFH20017-S04SXXX4K6K	.236(6.00)	.327(8.30)
5	FFH20017-S05SXXX4K6K	.315(8.00)	.406(10.30)
6	FFH20017-S06SXXX4K6K	.394(10.00)	.484(12.30)
7	FFH20017-S07SXXX4K6K	.472(12.00)	.563(14.30)
8	FFH20017-S08SXXX4K6K	.551(14.00)	.642(16.30)
9	FFH20017-S09SXXX4K6K	.630(16.00)	.720(18.30)
10	FFH20017-S10SXXX4K6K	.709(18.00)	.799(20.30)
11	FFH20017-S11SXXX4K6K	.787(20.00)	.878(22.30)
12	FFH20017-S12SXXX4K6K	.866(22.00)	.957(24.30)
13	FFH20017-S13SXXX4K6K	.945(24.00)	1.035(26.30)
14	FFH20017-S14SXXX4K6K	1.024(26.00)	1.114(28.30)
15	FFH20017-S15SXXX4K6K	1.102(28.00)	1.193(30.30)
16	FFH20017-S16SXXX4K6K	1.181(30.00)	1.272(32.30)
17	FFH20017-S17SXXX4K6K	1.260(32.00)	1.350(34.30)
18	FFH20017-S18SXXX4K6K	1.339(34.00)	1.429(36.30)
19	FFH20017-S19SXXX4K6K	1.417(36.00)	1.508(38.30)
20	FFH20017-S20SXXX4K6K	1.496(38.00)	1.587(40.30)
21	FFH20017-S21SXXX4K6K	1.575(40.00)	1.665(42.30)

Circuits (n)	Part No.	Dimensions(in./mm)	
		A	B 
22	FFH20017-S22SXXX4K6K	1.654(42.00)	1.744(44.30)
23	FFH20017-S23SXXX4K6K	1.732(44.00)	1.823(46.30)
24	FFH20017-S24SXXX4K6K	1.811(46.00)	1.902(48.30)
25	FFH20017-S25SXXX4K6K	1.890(48.00)	1.980(50.30)
26	FFH20017-S26SXXX4K6K	1.969(50.00)	2.059(52.30)
27	FFH20017-S27SXXX4K6K	2.047(52.00)	2.138(54.30)
28	FFH20017-S28SXXX4K6K	2.126(54.00)	2.217(56.30)
29	FFH20017-S29SXXX4K6K	2.205(56.00)	2.295(58.30)
30	FFH20017-S30SXXX4K6K	2.283(58.00)	2.374(60.30)
31	FFH20017-S31SXXX4K6K	2.362(60.00)	2.453(62.30)
32	FFH20017-S32SXXX4K6K	2.441(62.00)	2.531(64.30)
33	FFH20017-S33SXXX4K6K	2.520(64.00)	2.610(66.30)
34	FFH20017-S34SXXX4K6K	2.598(66.00)	2.689(68.30)
35	FFH20017-S35SXXX4K6K	2.677(68.00)	2.768(70.30)
36	FFH20017-S36SXXX4K6K	2.756(70.00)	2.846(72.30)
37	FFH20017-S37SXXX4K6K	2.835(72.00)	2.925(74.30)
38	FFH20017-S38SXXX4K6K	2.913(74.00)	3.004(76.30)
39	FFH20017-S39SXXX4K6K	2.992(76.00)	3.083(78.30)
40	FFH20017-S40SXXX4K6K	3.071(78.00)	3.161(80.30)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-SXXSXXX4K6K	ITEM NO. FFH20017	 Leader Of Industry		
	X.±.012(0.30)	X.±5"	CHECKED BY CHERRY	DATE 22/AUG/13	TITLE Board to Board (Female Header) Pitch 2.00mm 180° Vertical (DIP)				
	DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	.XX'±1"	DRAWN BY JACOB	DATE 22/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 1	SHEET NO. 1/1
	SCALE 5:1	SIZE A4	X.XXX±.004(0.10)					.XX'±0.5"	

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Electrical

Current Rating: 2A AC(rms)/DC

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Insulation Resistance: 1000 MΩ MIN

Withstanding Voltage: 500V AC r.m.s

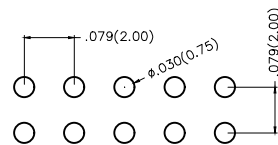
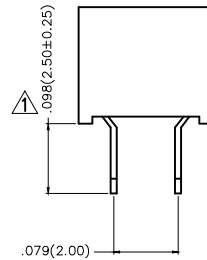
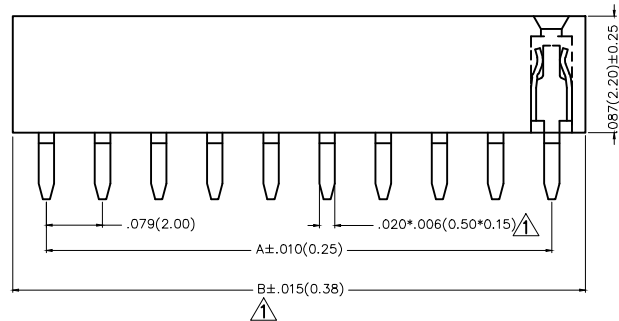
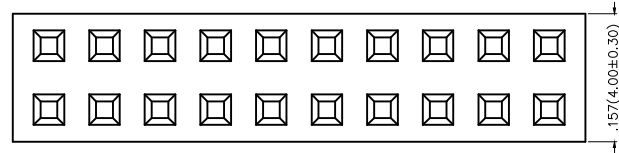
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Material and Plating

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 17 — D XX S 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. 17	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		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/AUG/13	PART NO. FFH20017-DXXSXXX4K6K	ITEM NO. FFH20017	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	CHERRY	22/AUG/13	Board to Board (Female Header) Pitch 2.0mm 180° Vertical (DIP)		REV 1	SHEET NO. 1/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	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°	JACOB	22/AUG/13				

ABc

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