

1 2 3 4 5 6 7 8

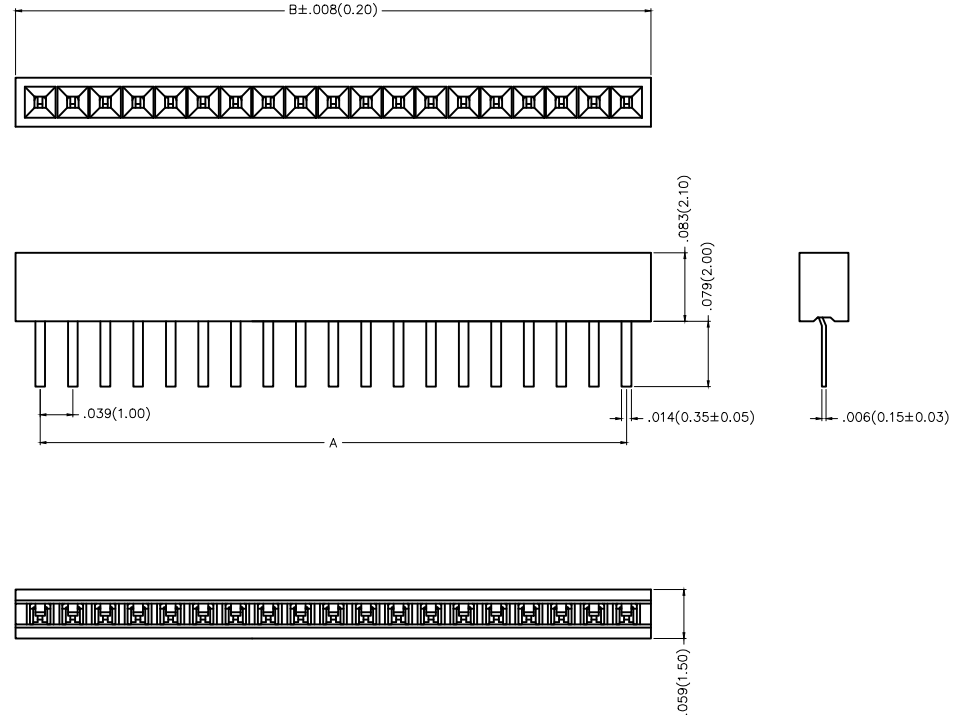
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Amend Electrical specification	14/JUN/24	KATE	LEO

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

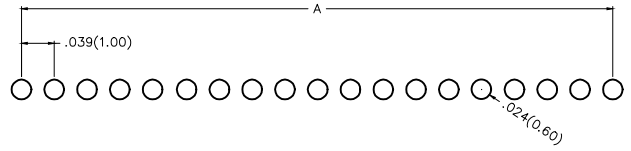
Housing: PA6T(UL 94V-0)
 Contact Pin: Phosphor Bronze
 Plating: Gold Plated




Ordering Information

FFH 100 04 — S XX S 1 XX 4 K6 X
 1 2 3 4 5 6 7 8 9 10 11

1	Category FFH—Female Header	2	Series Number 100—Pitch 1.0mm	3	Distinction No. 04	4	Row Option S—Single 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 L—Tube K—Tray		





Recommended P.C. Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH10004-SXXS1XX4K6X	ITEM NO. FFH10004	 "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 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.0mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4		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 1 SHEET NO. 1/2

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
2	FFH10004-S02S1XX4K6X	.039(1.00)	.098(2.50)	27	FFH10004-S27S1XX4K6X	1.024(26.00)	1.083(27.50)
3	FFH10004-S03S1XX4K6X	.079(2.00)	.138(3.50)	28	FFH10004-S28S1XX4K6X	1.063(27.00)	1.122(28.50)
4	FFH10004-S04S1XX4K6X	.118(3.00)	.177(4.50)	29	FFH10004-S29S1XX4K6X	1.102(28.00)	1.161(29.50)
5	FFH10004-S05S1XX4K6X	.157(4.00)	.217(5.50)	30	FFH10004-S30S1XX4K6X	1.142(29.00)	1.201(30.50)
6	FFH10004-S06S1XX4K6X	.197(5.00)	.256(6.50)	31	FFH10004-S31S1XX4K6X	1.181(30.00)	1.240(31.50)
7	FFH10004-S07S1XX4K6X	.236(6.00)	.295(7.50)	32	FFH10004-S32S1XX4K6X	1.220(31.00)	1.280(32.50)
8	FFH10004-S08S1XX4K6X	.276(7.00)	.335(8.50)	33	FFH10004-S33S1XX4K6X	1.260(32.00)	1.319(33.50)
9	FFH10004-S09S1XX4K6X	.315(8.00)	.374(9.50)	34	FFH10004-S34S1XX4K6X	1.299(33.00)	1.358(34.50)
10	FFH10004-S10S1XX4K6X	.354(9.00)	.413(10.50)	35	FFH10004-S35S1XX4K6X	1.339(34.00)	1.398(35.50)
11	FFH10004-S11S1XX4K6X	.394(10.00)	.453(11.50)	36	FFH10004-S36S1XX4K6X	1.378(35.00)	1.437(36.50)
12	FFH10004-S12S1XX4K6X	.433(11.00)	.492(12.50)	37	FFH10004-S37S1XX4K6X	1.417(36.00)	1.476(37.50)
13	FFH10004-S13S1XX4K6X	.472(12.00)	.531(13.50)	38	FFH10004-S38S1XX4K6X	1.457(37.00)	1.516(38.50)
14	FFH10004-S14S1XX4K6X	.512(13.00)	.571(14.50)	39	FFH10004-S39S1XX4K6X	1.496(38.00)	1.555(39.50)
15	FFH10004-S15S1XX4K6X	.551(14.00)	.610(15.50)	40	FFH10004-S40S1XX4K6X	1.535(39.00)	1.594(40.50)
16	FFH10004-S16S1XX4K6X	.591(15.00)	.650(16.50)	41	FFH10004-S41S1XX4K6X	1.575(40.00)	1.634(41.50)
17	FFH10004-S17S1XX4K6X	.630(16.00)	.689(17.50)	42	FFH10004-S42S1XX4K6X	1.614(41.00)	1.673(42.50)
18	FFH10004-S18S1XX4K6X	.669(17.00)	.728(18.50)	43	FFH10004-S43S1XX4K6X	1.654(42.00)	1.713(43.50)
19	FFH10004-S19S1XX4K6X	.709(18.00)	.768(19.50)	44	FFH10004-S44S1XX4K6X	1.693(43.00)	1.752(44.50)
20	FFH10004-S20S1XX4K6X	.748(19.00)	.807(20.50)	45	FFH10004-S45S1XX4K6X	1.732(44.00)	1.791(45.50)
21	FFH10004-S21S1XX4K6X	.787(20.00)	.846(21.50)	46	FFH10004-S46S1XX4K6X	1.772(45.00)	1.831(46.50)
22	FFH10004-S22S1XX4K6X	.827(21.00)	.886(22.50)	47	FFH10004-S47S1XX4K6X	1.811(46.00)	1.870(47.50)
23	FFH10004-S23S1XX4K6X	.866(22.00)	.925(23.50)	48	FFH10004-S48S1XX4K6X	1.850(47.00)	1.909(48.50)
24	FFH10004-S24S1XX4K6X	.906(23.00)	.965(24.50)	49	FFH10004-S49S1XX4K6X	1.890(48.00)	1.949(49.50)
25	FFH10004-S25S1XX4K6X	.945(24.00)	1.004(25.50)	50	FFH10004-S50S1XX4K6X	1.929(49.00)	1.988(50.50)
26	FFH10004-S26S1XX4K6X	.984(25.00)	1.043(26.50)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH10004-SXXS1XX4K6X	ITEM NO. FFH10004	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5' .X'±2'	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.0mm 180° Vertical (DIP)		
	SCALE 5:1	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1' .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		
	SIZE A4					REV 1		SHEET NO. 2/2