

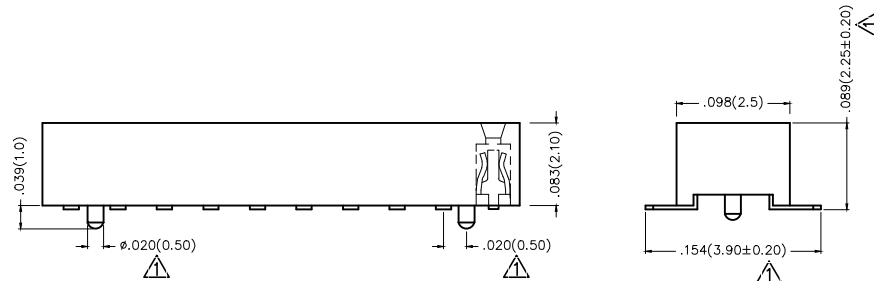
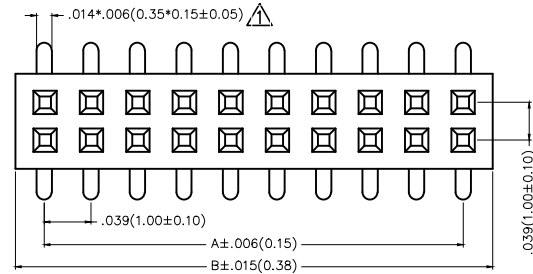
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size change	09/JUL/20	KATE	CHERRY

Electrical

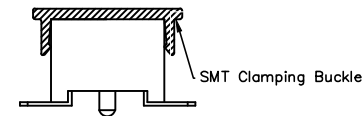
Current Rating: 0.75A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 100V AC r.m.s
Temperature Range—Operating: -25°C~+85°C

Material and Plating

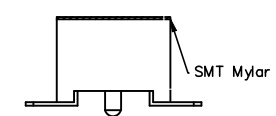
Housing: Glass Filled Polyester(UL 94V-0)
Contact Pin: Brass
Plating: Full gold



Packing: M—Reel(With Cap)



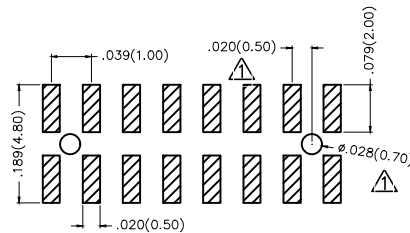
Packing: M1—Reel(With Mylar)





Ordering Information

FFH 100 02 — 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—Pitch1.00mm	3	Distinction No. 02	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)		



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH10002-DXXSXXX4K6XX	ITEM NO. FFH10002	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE			
		X.X±.008(0.20)	X'±2"	CHERRY	10/JUL/13	Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)		REV 1	SHEET NO. 1/2
		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	10/JUL/13				



A
B
C
D
E
F

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
6	FFH10002-D06SXXX4K6M	.079(2.00)	.138(3.50)	44	FFH10002-D44S1XX4K6M	.827(21.00)	.886(22.50)
8	FFH10002-D08SXXX4K6M	.118(3.00)	.177(4.50)	46	FFH10002-D46S1XX4K6M	.866(22.00)	.925(23.50)
10	FFH10002-D10SXXX4K6M	.157(4.00)	.217(5.50)	48	FFH10002-D48S1XX4K6M	.906(23.00)	.965(24.50)
12	FFH10002-D12SXXX4K6M	.197(5.00)	.256(6.50)	50	FFH10002-D50S1XX4K6M	.945(24.00)	1.004(25.50)
14	FFH10002-D14SXXX4K6M	.236(6.00)	.296(7.50)	52	FFH10002-D52S1XX4K6M	.984(25.00)	1.043(26.50)
16	FFH10002-D16SXXX4K6M	.276(7.00)	.335(8.50)	54	FFH10002-D54S1XX4K6M	1.024(26.00)	1.083(27.50)
18	FFH10002-D18SXXX4K6M	.315(8.00)	.374(9.50)	56	FFH10002-D56S1XX4K6M	1.063(27.00)	1.122(28.50)
20	FFH10002-D20SXXX4K6M	.354(9.00)	.413(10.50)	58	FFH10002-D58S1XX4K6M	1.102(28.00)	1.161(29.50)
22	FFH10002-D22SXXX4K6M	.394(10.00)	.453(11.50)	60	FFH10002-D60S1XX4K6M	1.142(29.00)	1.201(30.50)
24	FFH10002-D24S1XX4K6M	.433(11.00)	.492(12.50)	62	FFH10002-D62S1XX4K6M	1.181(30.00)	1.240(31.50)
26	FFH10002-D26S1XX4K6M	.472(12.00)	.531(13.50)	64	FFH10002-D64S1XX4K6M	1.221(31.00)	1.280(32.50)
28	FFH10002-D28S1XX4K6M	.512(13.00)	.571(14.50)	66	FFH10002-D66S1XX4K6M	1.260(32.00)	1.319(33.50)
30	FFH10002-D30S1XX4K6M	.551(14.00)	.610(15.50)	68	FFH10002-D68S1XX4K6M	1.299(33.00)	1.358(34.50)
32	FFH10002-D32S1XX4K6M	.591(15.00)	.650(16.50)	70	FFH10002-D70S1XX4K6M	1.339(34.00)	1.397(35.50)
34	FFH10002-D34S1XX4K6M	.630(16.00)	.689(17.50)	72	FFH10002-D72S1XX4K6M	1.378(35.00)	1.437(36.50)
36	FFH10002-D36S1XX4K6M	.670(17.00)	.728(18.50)	74	FFH10002-D74S1XX4K6M	1.417(36.00)	1.476(37.50)
38	FFH10002-D38S1XX4K6M	.709(18.00)	.767(19.50)	76	FFH10002-D76S1XX4K6M	1.457(37.00)	1.516(38.50)
40	FFH10002-D40S1XX4K6M	.748(19.00)	.807(20.50)	78	FFH10002-D78S1XX4K6M	1.496(38.00)	1.555(39.50)
42	FFH10002-D42S1XX4K6M	.787(20.00)	.846(21.50)	80	FFH10002-D80S1XX4K6M	1.535(39.00)	1.594(40.50)

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 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH10002-DXXSXXX4K6XX	ITEM NO. FFH10002	 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	10/JUL/13	Board to Board (Female Header) Pitch 1.00mm 180° Vertical (SMT)		REV 1	SHEET NO. 2/2
		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			
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