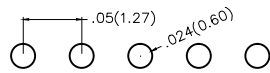
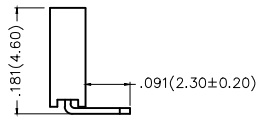
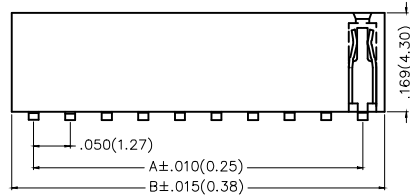
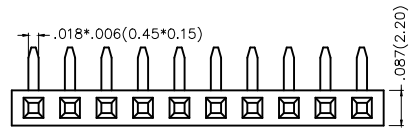


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Electrical
 Current Rating: 1A 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: PA6T(UL 94V-0)
 Contact Pin: Phosphor Bronze
 Plating: Gold Plated



Recommended P.C.Board Layout

Ordering Information



FFH 127 12 — S XX B X XX 4 K6 K
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 127—Pitch1.27mm	3 Distinction No. 12	4 Row Option S—Single row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold Plated 3—Selective gold in contact area, matte(bright) 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 10/JUL/13	PART NO. FFH12712-SXXBXXX4K6K	ITEM NO. FFH12712	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.X±.012(0.30) X.XX±.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 1.27mm 90° Angle (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 0 SHEET NO. 1/1

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	FFH12712-S02BXXX4K6K	.050(1.27)	.114(2.89)	22	FFH12712-S22BXXX4K6K	1.050(26.67)	1.114(28.29)
3	FFH12712-S03BXXX4K6K	.100(2.54)	.164(4.16)	23	FFH12712-S23BXXX4K6K	1.100(27.94)	1.164(29.56)
4	FFH12712-S04BXXX4K6K	.150(3.81)	.214(5.43)	24	FFH12712-S24BXXX4K6K	1.150(29.21)	1.214(30.83)
5	FFH12712-S05BXXX4K6K	.200(5.08)	.264(6.70)	25	FFH12712-S25BXXX4K6K	1.200(30.48)	1.264(32.10)
6	FFH12712-S06BXXX4K6K	.250(6.35)	.314(7.97)	26	FFH12712-S26BXXX4K6K	1.250(31.75)	1.314(33.37)
7	FFH12712-S07BXXX4K6K	.300(7.62)	.364(9.24)	27	FFH12712-S27BXXX4K6K	1.300(33.02)	1.364(34.64)
8	FFH12712-S08BXXX4K6K	.350(8.89)	.414(10.51)	28	FFH12712-S28BXXX4K6K	1.350(34.29)	1.414(35.91)
9	FFH12712-S09BXXX4K6K	.400(10.16)	.464(11.78)	29	FFH12712-S29BXXX4K6K	1.400(35.56)	1.464(37.18)
10	FFH12712-S10BXXX4K6K	.450(11.43)	.514(13.05)	30	FFH12712-S30BXXX4K6K	1.450(36.83)	1.514(38.45)
11	FFH12712-S11BXXX4K6K	.500(12.70)	.564(14.32)	31	FFH12712-S31BXXX4K6K	1.500(38.10)	1.564(39.72)
12	FFH12712-S12BXXX4K6K	.550(13.97)	.614(15.59)	32	FFH12712-S32BXXX4K6K	1.550(39.37)	1.614(40.99)
13	FFH12712-S13BXXX4K6K	.600(15.24)	.664(16.86)	33	FFH12712-S33BXXX4K6K	1.600(40.64)	1.664(42.26)
14	FFH12712-S14BXXX4K6K	.650(16.51)	.714(18.13)	34	FFH12712-S34BXXX4K6K	1.650(41.91)	1.714(43.53)
15	FFH12712-S15BXXX4K6K	.700(17.78)	.764(19.40)	35	FFH12712-S35BXXX4K6K	1.700(43.18)	1.764(44.80)
16	FFH12712-S16BXXX4K6K	.750(19.05)	.814(20.67)	36	FFH12712-S36BXXX4K6K	1.750(44.45)	1.814(46.07)
17	FFH12712-S17BXXX4K6K	.800(20.32)	.864(21.94)	37	FFH12712-S37BXXX4K6K	1.800(45.72)	1.864(47.34)
18	FFH12712-S18BXXX4K6K	.850(21.59)	.914(23.21)	38	FFH12712-S38BXXX4K6K	1.850(46.99)	1.914(48.61)
19	FFH12712-S19BXXX4K6K	.900(22.86)	.964(24.48)	39	FFH12712-S39BXXX4K6K	1.900(48.26)	1.964(49.88)
20	FFH12712-S20BXXX4K6K	.950(24.13)	1.014(25.75)	40	FFH12712-S40BXXX4K6K	1.950(49.53)	2.014(51.55)
21	FFH12712-S21BXXX4K6K	1.000(25.40)	1.064(27.02)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12712-SXXBXXX4K6K	ITEM NO. FFH12712	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.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 1.27mm 90° Angle (DIP)		REV 0
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			

1 2 3 4 5 6 7 8

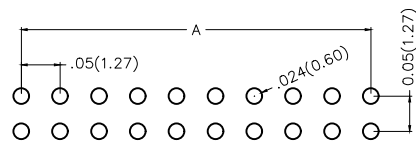
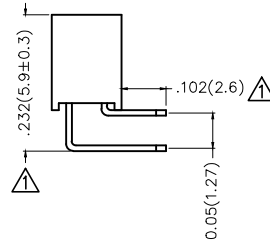
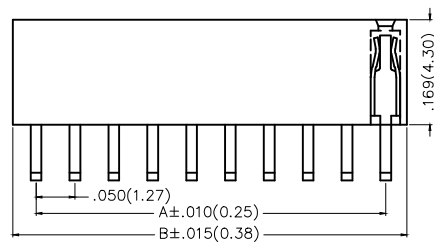
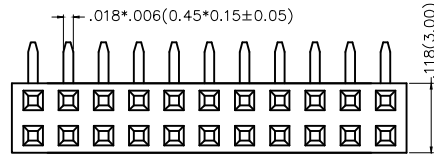
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	28/JUL/20	KATE	CHERRY

Electrical

Current Rating: 1A 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: PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated



Recommended P.C.Board Layout

Ordering Information

FFH 127 12 — D XX B 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		127—Pitch 1.27mm		12		D—Double Row		XX		B—90° Angle
7	Plating	8	Thickness of Plating	9	Material—Resin	10	Color—Resin	11	Packaging		
	1—Gold Plated 3—Selective gold in contact area, tin on tail		00—Gold Flash 05—5μ" Custom plate available		4—PA6T		K6—Black		K—Tray		

A

B

C

D

E

F

A

B

C

D

E

F

1 2 3 4 5 6 7 8

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.'±5'	FRANK	10/JUL/13	FFH12712-DXXBXXX4K6K	FFH12712	
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.'±2'	CHECKED BY	DATE	TITLE		REV 1 SHEET NO. 1/2
SCALE	X.XX±.006(0.15)	.XX'±1'	CHERRY	10/JUL/13	Board to Board (Female Header) Pitch 1.27mm 90° Angle (DIP)		
SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	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		
5:1	A4		JACOB	10/JUL/13			

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
4	FFH12712-D04BXXX4K6K	.050(1.27)	.114(2.89)	44	FFH12712-D44BXXX4K6K	1.050(26.67)	1.114(28.29)
6	FFH12712-D06BXXX4K6K	.100(2.54)	.164(4.16)	46	FFH12712-D46BXXX4K6K	1.100(27.94)	1.164(29.56)
8	FFH12712-D08BXXX4K6K	.150(3.81)	.214(5.43)	48	FFH12712-D48BXXX4K6K	1.150(29.21)	1.214(30.83)
10	FFH12712-D10BXXX4K6K	.200(5.08)	.264(6.70)	50	FFH12712-D50BXXX4K6K	1.200(30.48)	1.264(32.10)
12	FFH12712-D12BXXX4K6K	.250(6.35)	.314(7.97)	52	FFH12712-D52BXXX4K6K	1.250(31.75)	1.314(33.37)
14	FFH12712-D14BXXX4K6K	.300(7.62)	.364(9.24)	54	FFH12712-D54BXXX4K6K	1.300(33.02)	1.364(34.64)
16	FFH12712-D16BXXX4K6K	.350(8.89)	.414(10.51)	56	FFH12712-D56BXXX4K6K	1.350(34.29)	1.414(35.91)
18	FFH12712-D18BXXX4K6K	.400(10.16)	.464(11.78)	58	FFH12712-D58BXXX4K6K	1.400(35.56)	1.464(37.18)
20	FFH12712-D20BXXX4K6K	.450(11.43)	.514(13.05)	60	FFH12712-D60BXXX4K6K	1.450(36.83)	1.514(38.45)
22	FFH12712-D22BXXX4K6K	.500(12.70)	.564(14.32)	62	FFH12712-D62BXXX4K6K	1.500(38.10)	1.564(39.72)
24	FFH12712-D24BXXX4K6K	.550(13.97)	.614(15.59)	64	FFH12712-D64BXXX4K6K	1.550(39.37)	1.614(40.99)
26	FFH12712-D26BXXX4K6K	.600(15.24)	.664(16.86)	66	FFH12712-D66BXXX4K6K	1.600(40.64)	1.664(42.26)
28	FFH12712-D28BXXX4K6K	.650(16.51)	.714(18.13)	68	FFH12712-D68BXXX4K6K	1.650(41.91)	1.714(43.53)
30	FFH12712-D30BXXX4K6K	.700(17.78)	.764(19.40)	70	FFH12712-D70BXXX4K6K	1.700(43.18)	1.764(44.80)
32	FFH12712-D32BXXX4K6K	.750(19.05)	.814(20.67)	72	FFH12712-D72BXXX4K6K	1.750(44.45)	1.814(46.07)
34	FFH12712-D34BXXX4K6K	.800(20.32)	.864(21.94)	74	FFH12712-D74BXXX4K6K	1.800(45.72)	1.864(47.34)
36	FFH12712-D36BXXX4K6K	.850(21.59)	.914(23.21)	76	FFH12712-D76BXXX4K6K	1.850(46.99)	1.914(48.61)
38	FFH12712-D38BXXX4K6K	.900(22.86)	.964(24.48)	78	FFH12712-D78BXXX4K6K	1.900(48.26)	1.964(49.88)
40	FFH12712-D40BXXX4K6K	.950(24.13)	1.014(25.75)	80	FFH12712-D80BXXX4K6K	1.950(49.53)	2.014(51.55)
42	FFH12712-D42BXXX4K6K	1.000(25.40)	1.064(27.02)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12712-DXXBXXX4K6K	ITEM NO. FFH12712	 Leader Of Industry	
	X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 90° Angle (DIP)			REV 1
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.'±2'	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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.XX±1"	X.XXX±.004(0.10)	X.XX±0.5'		

1 2 3 4 5 6 7 8