

1 2 3 4 5 6 7 8

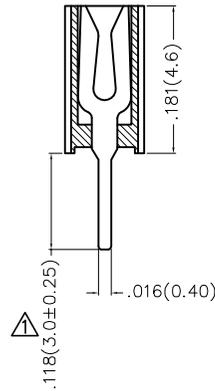
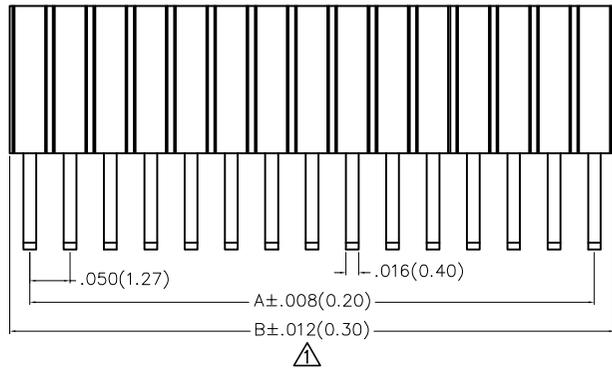
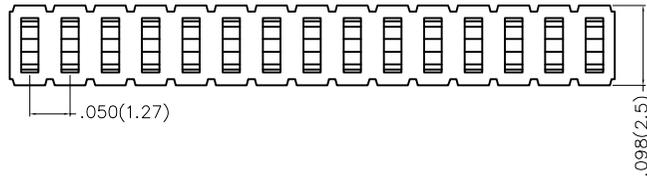
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	21/JUN/24	MATT	LEO

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~+105°C

Material and Plating

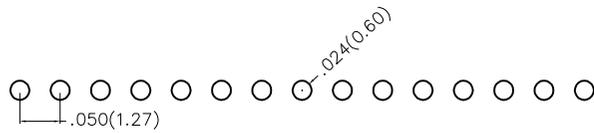
Housing: PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, tin on tail



Ordering Information

FFH 127 06 — S XX S X XX 4 K6 X
 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. 06	4	Row Option S—Single 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 L—Tube		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12706-SXXSXX4K6X	ITEM NO. FFH12706	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.010(0.25) X.XX±.008(0.20) 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 180° Vertical (DIP)		REV 1
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			

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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 Δ			A	B Δ
2	FFH12706-S02SXXX4K6X	.050(1.27)	.100(2.54)	22	FFH12706-S22SXXX4K6X	1.050(26.67)	1.100(27.94)
3	FFH12706-S03SXXX4K6X	.100(2.54)	.150(3.81)	23	FFH12706-S23SXXX4K6X	1.100(27.94)	1.150(29.21)
4	FFH12706-S04SXXX4K6X	.150(3.81)	.200(5.08)	24	FFH12706-S24SXXX4K6X	1.150(29.21)	1.200(30.48)
5	FFH12706-S05SXXX4K6X	.200(5.08)	.250(6.35)	25	FFH12706-S25SXXX4K6X	1.200(30.48)	1.250(31.75)
6	FFH12706-S06SXXX4K6X	.250(6.35)	.300(7.62)	26	FFH12706-S26SXXX4K6X	1.250(31.75)	1.300(33.02)
7	FFH12706-S07SXXX4K6X	.300(7.62)	.350(8.89)	27	FFH12706-S27SXXX4K6X	1.300(33.02)	1.350(34.29)
8	FFH12706-S08SXXX4K6X	.350(8.89)	.400(10.16)	28	FFH12706-S28SXXX4K6X	1.350(34.29)	1.400(35.56)
9	FFH12706-S09SXXX4K6X	.400(10.16)	.450(11.43)	29	FFH12706-S29SXXX4K6X	1.400(35.56)	1.450(36.83)
10	FFH12706-S10SXXX4K6X	.450(11.43)	.500(12.70)	30	FFH12706-S30SXXX4K6X	1.450(36.83)	1.500(38.10)
11	FFH12706-S11SXXX4K6X	.500(12.70)	.550(13.97)	31	FFH12706-S31SXXX4K6X	1.500(38.10)	1.550(39.37)
12	FFH12706-S12SXXX4K6X	.550(13.97)	.600(15.24)	32	FFH12706-S32SXXX4K6X	1.550(39.37)	1.600(40.64)
13	FFH12706-S13SXXX4K6X	.600(15.24)	.650(16.51)	33	FFH12706-S33SXXX4K6X	1.600(40.64)	1.650(41.91)
14	FFH12706-S14SXXX4K6X	.650(16.51)	.700(17.78)	34	FFH12706-S34SXXX4K6X	1.650(41.91)	1.700(43.18)
15	FFH12706-S15SXXX4K6X	.700(17.78)	.750(19.05)	35	FFH12706-S35SXXX4K6X	1.700(43.18)	1.750(44.45)
16	FFH12706-S16SXXX4K6X	.750(19.05)	.800(20.32)	36	FFH12706-S36SXXX4K6X	1.750(44.45)	1.800(45.72)
17	FFH12706-S17SXXX4K6X	.800(20.32)	.850(21.59)	37	FFH12706-S37SXXX4K6X	1.800(45.72)	1.850(46.99)
18	FFH12706-S18SXXX4K6X	.850(21.59)	.900(22.86)	38	FFH12706-S38SXXX4K6X	1.850(46.99)	1.900(48.26)
19	FFH12706-S19SXXX4K6X	.900(22.86)	.950(24.13)	39	FFH12706-S39SXXX4K6X	1.900(48.26)	1.950(49.53)
20	FFH12706-S20SXXX4K6X	.950(24.13)	1.000(25.40)	40	FFH12706-S40SXXX4K6X	1.950(49.53)	2.000(50.80)
21	FFH12706-S21SXXX4K6X	1.000(25.40)	1.050(26.67)				

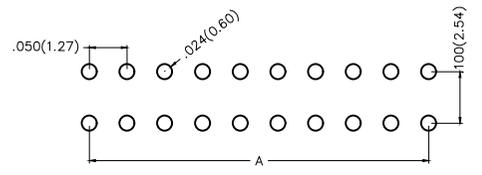
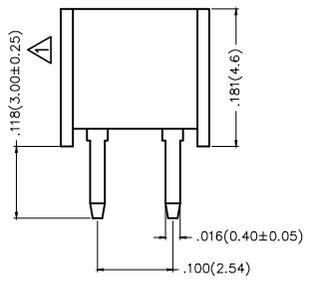
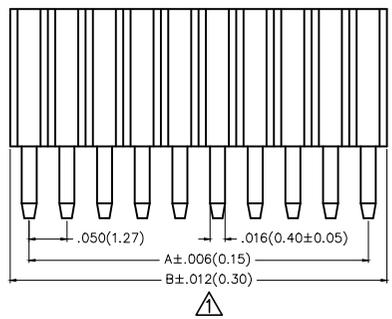
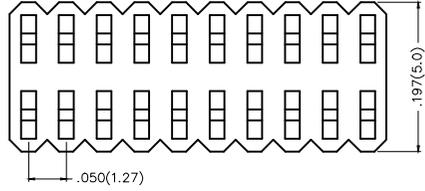
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12706-SXXSXXX4K6X	ITEM NO. FFH12706	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.010(0.25)	X:±5" .X:±2"	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		REV 1
SCALE 5:1	SIZE A4	X.XX±.008(0.20) 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		

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	30/JUL/21	KATE	CHERRY

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~+105°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 127 06 - D XX S X XX 4 K6 X
 1 2 3 4 5 6 7 8 9 10 11

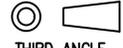
1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle
	FFH—Female Header		127—Pitch1.27mm		06		D—Double Row		XX		S—180° Vertical
7	Plating	8	Thickness of Plating	9	Material—Resin	10	Color—Resin	11	Packaging		
	1—Gold Plated 3—Selective gold on contact area, tin on tail		00—Gold Flash 05—5μ" Custom plate available		4—PA6T		K6—Black		K—Tray L—Tube		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5°	FRANK	10/JUL/13	FFH12706-DXXSXXX4K6X	FFH12706	
DESIGN UNITS Inch (metric)	X.X±.010(0.25)	.X°±2°	CHECKED BY	DATE	TITLE		
SCALE	X.XX±.008(0.20)	.XX°±1°	CHERRY	10/JUL/13	Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		REV 1 SHEET NO. 1/2
5:1	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		
SIZE A4			JACOB	10/JUL/13			

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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 Δ			A	B Δ
4	FFH12706-D04SXXX4K6X	.050(1.27)	.100(2.54)	44	FFH12706-D44SXXX4K6X	1.050(26.67)	1.100(27.94)
6	FFH12706-D06SXXX4K6X	.100(2.54)	.150(3.81)	46	FFH12706-D46SXXX4K6X	1.100(27.94)	1.150(29.21)
8	FFH12706-D08SXXX4K6X	.150(3.81)	.200(5.08)	48	FFH12706-D48SXXX4K6X	1.150(29.21)	1.200(30.48)
10	FFH12706-D10SXXX4K6X	.200(5.08)	.250(6.35)	50	FFH12706-D50SXXX4K6X	1.200(30.48)	1.250(31.75)
12	FFH12706-D12SXXX4K6X	.250(6.35)	.300(7.62)	52	FFH12706-D52SXXX4K6X	1.250(31.75)	1.300(33.02)
14	FFH12706-D14SXXX4K6X	.300(7.62)	.350(8.89)	54	FFH12706-D54SXXX4K6X	1.300(33.02)	1.350(34.29)
16	FFH12706-D16SXXX4K6X	.350(8.89)	.400(10.16)	56	FFH12706-D56SXXX4K6X	1.350(34.29)	1.400(35.56)
18	FFH12706-D18SXXX4K6X	.400(10.16)	.450(11.43)	58	FFH12706-D58SXXX4K6X	1.400(35.56)	1.450(36.83)
20	FFH12706-D20SXXX4K6X	.450(11.43)	.500(12.70)	60	FFH12706-D60SXXX4K6X	1.450(36.83)	1.500(38.10)
22	FFH12706-D22SXXX4K6X	.500(12.70)	.550(13.97)	62	FFH12706-D62SXXX4K6X	1.500(38.10)	1.550(39.37)
24	FFH12706-D24SXXX4K6X	.550(13.97)	.600(15.24)	64	FFH12706-D64SXXX4K6X	1.550(39.37)	1.600(40.64)
26	FFH12706-D26SXXX4K6X	.600(15.24)	.650(16.51)	66	FFH12706-D66SXXX4K6X	1.600(40.64)	1.650(41.91)
28	FFH12706-D28SXXX4K6X	.650(16.51)	.700(17.78)	68	FFH12706-D68SXXX4K6X	1.650(41.91)	1.700(43.18)
30	FFH12706-D30SXXX4K6X	.700(17.78)	.750(19.05)	70	FFH12706-D70SXXX4K6X	1.700(43.18)	1.750(44.45)
32	FFH12706-D32SXXX4K6X	.750(19.05)	.800(20.32)	72	FFH12706-D72SXXX4K6X	1.750(44.45)	1.800(45.72)
34	FFH12706-D34SXXX4K6X	.800(20.32)	.850(21.59)	74	FFH12706-D74SXXX4K6X	1.800(45.72)	1.850(46.99)
36	FFH12706-D36SXXX4K6X	.850(21.59)	.900(22.86)	76	FFH12706-D76SXXX4K6X	1.850(46.99)	1.900(48.26)
38	FFH12706-D38SXXX4K6X	.900(22.86)	.950(24.13)	78	FFH12706-D78SXXX4K6X	1.900(48.26)	1.950(49.53)
40	FFH12706-D40SXXX4K6X	.950(24.13)	1.000(25.40)	80	FFH12706-D80SXXX4K6X	1.950(49.53)	2.000(50.80)
42	FFH12706-D42SXXX4K6X	1.000(25.40)	1.050(26.67)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/JUL/13	PART NO. FFH12706-DXXSXXX4K6X	ITEM NO. FFH12706	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.010(0.25)	X.±5° .X°±2°	CHECKED BY CHERRY	DATE 10/JUL/13	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		REV 1
SCALE 5:1	SIZE A4	X.XX±.008(0.20) 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		