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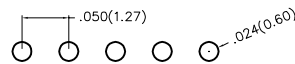
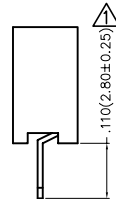
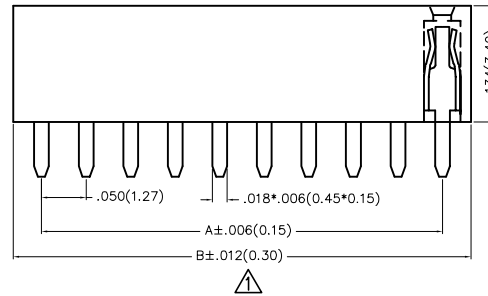
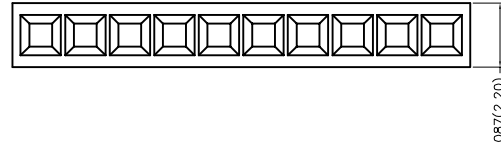
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions and tolerances	14/NOV/24	MATT	LEO

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~+85°C

Material and Plating

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



Recommended P.C.Board Layout

Ordering Information

FFH 127 03 — S XX S X XX 4 K6 K A  
 1 2 3 4 5 6 7 8 9 10 11 12



1 Category FFH-Female Header	2 Series Number 127-Pitch1.27mm	3 Distinction No. 03	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	12 Type A-A type

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 11/OCT/22	PART NO. FFH12703-SXXSXX4K6KA	ITEM NO. FFH12703	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 11/OCT/22	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY MATT	DATE 11/OCT/22	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.XXX±.004(0.10)					

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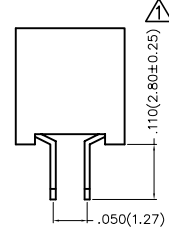
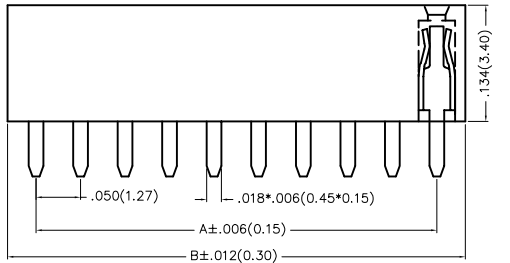
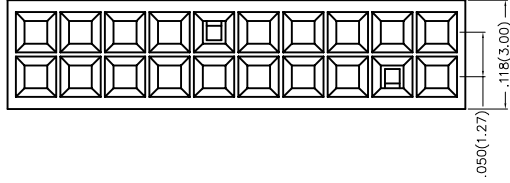
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions and tolerances	14/NOV/24	MATT	LEO

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B△			A	B△
2	FFH12703-S02SXXX4K6KA	.050(1.27)	.116(2.94)	22	FFH12703-S22SXXX4K6KA	1.050(26.67)	1.116(28.34)
3	FFH12703-S03SXXX4K6KA	.100(2.54)	.166(4.21)	23	FFH12703-S23SXXX4K6KA	1.100(27.94)	1.166(29.61)
4	FFH12703-S04SXXX4K6KA	.150(3.81)	.216(5.48)	24	FFH12703-S24SXXX4K6KA	1.150(29.21)	1.216(30.88)
5	FFH12703-S05SXXX4K6KA	.200(5.08)	.266(6.75)	25	FFH12703-S25SXXX4K6KA	1.200(30.48)	1.266(32.15)
6	FFH12703-S06SXXX4K6KA	.250(6.35)	.316(8.02)	26	FFH12703-S26SXXX4K6KA	1.250(31.75)	1.316(33.42)
7	FFH12703-S07SXXX4K6KA	.300(7.62)	.366(9.29)	27	FFH12703-S27SXXX4K6KA	1.300(33.02)	1.366(34.69)
8	FFH12703-S08SXXX4K6KA	.350(8.89)	.416(10.56)	28	FFH12703-S28SXXX4K6KA	1.350(34.29)	1.416(35.96)
9	FFH12703-S09SXXX4K6KA	.400(10.16)	.466(11.83)	29	FFH12703-S29SXXX4K6KA	1.400(35.56)	1.466(37.23)
10	FFH12703-S10SXXX4K6KA	.450(11.43)	.516(13.10)	30	FFH12703-S30SXXX4K6KA	1.450(36.83)	1.516(38.50)
11	FFH12703-S11SXXX4K6KA	.500(12.70)	.566(14.37)	31	FFH12703-S31SXXX4K6KA	1.500(38.10)	1.566(39.77)
12	FFH12703-S12SXXX4K6KA	.550(13.97)	.616(15.64)	32	FFH12703-S32SXXX4K6KA	1.550(39.37)	1.616(41.04)
13	FFH12703-S13SXXX4K6KA	.600(15.24)	.666(16.91)	33	FFH12703-S33SXXX4K6KA	1.600(40.64)	1.666(42.31)
14	FFH12703-S14SXXX4K6KA	.650(16.51)	.716(18.18)	34	FFH12703-S34SXXX4K6KA	1.650(41.91)	1.716(43.58)
15	FFH12703-S15SXXX4K6KA	.700(17.78)	.766(19.45)	35	FFH12703-S35SXXX4K6KA	1.700(43.18)	1.766(44.85)
16	FFH12703-S16SXXX4K6KA	.750(19.05)	.816(20.72)	36	FFH12703-S36SXXX4K6KA	1.750(44.45)	1.816(46.12)
17	FFH12703-S17SXXX4K6KA	.800(20.32)	.866(21.99)	37	FFH12703-S37SXXX4K6KA	1.800(45.72)	1.866(47.39)
18	FFH12703-S18SXXX4K6KA	.850(21.59)	.916(23.26)	38	FFH12703-S38SXXX4K6KA	1.850(46.99)	1.916(48.66)
19	FFH12703-S19SXXX4K6KA	.900(22.86)	.966(24.53)	39	FFH12703-S39SXXX4K6KA	1.900(48.26)	1.966(49.93)
20	FFH12703-S20SXXX4K6KA	.950(24.13)	1.016(25.80)	40	FFH12703-S40SXXX4K6KA	1.950(49.53)	2.016(51.20)
21	FFH12703-S21SXXX4K6KA	1.000(25.40)	1.066(27.07)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 11/OCT/22	PART NO. FFH12703-SXXX4K6KA	ITEM NO. FFH12703	 Leader Of Industry		
	X.±.012(0.30)	X:±5'	CHECKED BY CHERRY	DATE 11/OCT/22	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)			REV 0	SHEET NO. 2/2
	X.XX±.008(0.20)	.X:±2'	DRAWN BY MATT	DATE 11/OCT/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	X.XX±.006(0.15)	.XX'±1'							
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'						

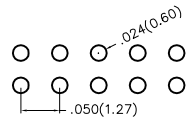
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions and tolerances	14/NOV/24	MATT	LEO



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~+85°C

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



Recommended P.C.Board Layout

Ordering Information

FFH 127 03 — D XX S X XX 4 K6 K A  
 1 2 3 4 5 6 7 8 9 10 11 12



1 Category FFH—Female Header	2 Series Number 127—Pitch1.27mm	3 Distinction No. 03	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	12 Type A—A type

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 11/OCT/22	PART NO. FFH12703-DXXSXX4K6KA	ITEM NO. FFH12703	 Leader Of Industry
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 11/OCT/22	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY MATT	DATE 11/OCT/22	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.XXX±.004(0.10)					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Update dimensions and tolerances	14/NOV/24	MATT	LEO

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B△			A	B△
4	FFH12703-D04SXXX4K6KA	.050(1.27)	.116(2.94)	44	FFH12703-D44SXXX4K6KA	1.050(26.67)	1.116(28.34)
6	FFH12703-D06SXXX4K6KA	.100(2.54)	.166(4.21)	46	FFH12703-D46SXXX4K6KA	1.100(27.94)	1.166(29.61)
8	FFH12703-D08SXXX4K6KA	.150(3.81)	.216(5.48)	48	FFH12703-D48SXXX4K6KA	1.150(29.21)	1.216(30.88)
10	FFH12703-D10SXXX4K6KA	.200(5.08)	.266(6.75)	50	FFH12703-D50SXXX4K6KA	1.200(30.48)	1.266(32.15)
12	FFH12703-D12SXXX4K6KA	.250(6.35)	.316(8.02)	52	FFH12703-D52SXXX4K6KA	1.250(31.75)	1.316(33.42)
14	FFH12703-D14SXXX4K6KA	.300(7.62)	.366(9.29)	54	FFH12703-D54SXXX4K6KA	1.300(33.02)	1.366(34.69)
16	FFH12703-D16SXXX4K6KA	.350(8.89)	.416(10.56)	56	FFH12703-D56SXXX4K6KA	1.350(34.29)	1.416(35.96)
18	FFH12703-D18SXXX4K6KA	.400(10.16)	.466(11.83)	58	FFH12703-D58SXXX4K6KA	1.400(35.56)	1.466(37.23)
20	FFH12703-D20SXXX4K6KA	.450(11.43)	.516(13.10)	60	FFH12703-D60SXXX4K6KA	1.450(36.83)	1.516(38.50)
22	FFH12703-D22SXXX4K6KA	.500(12.70)	.566(14.37)	62	FFH12703-D62SXXX4K6KA	1.500(38.10)	1.566(39.77)
24	FFH12703-D24SXXX4K6KA	.550(13.97)	.616(15.64)	64	FFH12703-D64SXXX4K6KA	1.550(39.37)	1.616(41.04)
26	FFH12703-D26SXXX4K6KA	.600(15.24)	.666(16.91)	66	FFH12703-D66SXXX4K6KA	1.600(40.64)	1.666(42.31)
28	FFH12703-D28SXXX4K6KA	.650(16.51)	.716(18.18)	68	FFH12703-D68SXXX4K6KA	1.650(41.91)	1.716(43.58)
30	FFH12703-D30SXXX4K6KA	.700(17.78)	.766(19.45)	70	FFH12703-D70SXXX4K6KA	1.700(43.18)	1.766(44.85)
32	FFH12703-D32SXXX4K6KA	.750(19.05)	.816(20.72)	72	FFH12703-D72SXXX4K6KA	1.750(44.45)	1.816(46.12)
34	FFH12703-D34SXXX4K6KA	.800(20.32)	.866(21.99)	74	FFH12703-D74SXXX4K6KA	1.800(45.72)	1.866(47.39)
36	FFH12703-D36SXXX4K6KA	.850(21.59)	.916(23.26)	76	FFH12703-D76SXXX4K6KA	1.850(46.99)	1.916(48.66)
38	FFH12703-D38SXXX4K6KA	.900(22.86)	.966(24.53)	78	FFH12703-D78SXXX4K6KA	1.900(48.26)	1.966(49.93)
40	FFH12703-D40SXXX4K6KA	.950(24.13)	1.016(25.80)	80	FFH12703-D80SXXX4K6KA	1.950(49.53)	2.016(51.20)
42	FFH12703-D42SXXX4K6KA	1.000(25.40)	1.066(27.07)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 11/OCT/22	PART NO. FFH12703-DXXSXXX4K6KA	ITEM NO. FFH12703	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X:±5'	CHECKED BY CHERRY	DATE 11/OCT/22	TITLE Board to Board (Female Header) Pitch 1.27mm 180° Vertical (DIP)		
		X.XX±.008(0.20)	.X:±2'	DRAWN BY MATT	DATE 11/OCT/22	REV 0 SHEET NO. 2/2		
		X.XX±.006(0.15)	.XX'±1'			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'					