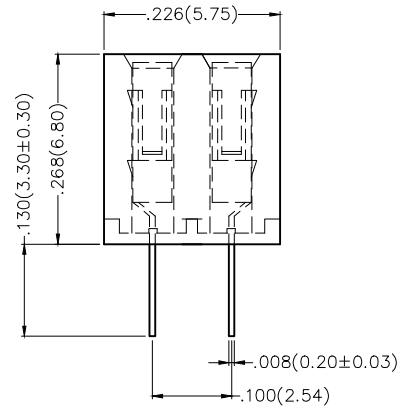
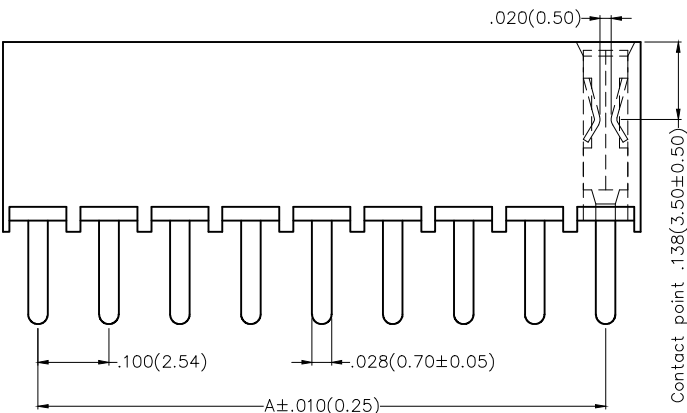
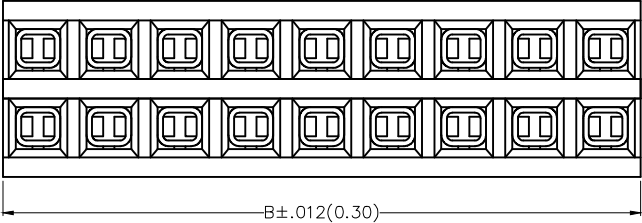


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

**SPECIFICATIONS**

**Electrical**  
 Current Rating: 3A 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

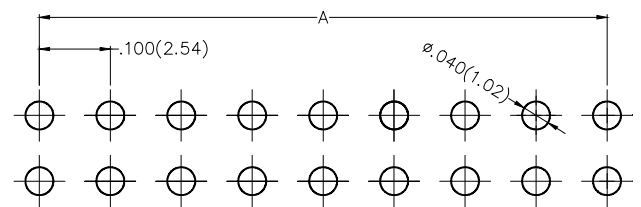
**Material and Plating**  
 Housing: Glass Filled Polyester (UL 94V-0)  
 Contact Pin: Phosphor bronze  
 Plating: Gold Plated/Selective gold on contact area, tin on tail



**Ordering Information**

FFH 254 48 - D XX S X XX X K6 K  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH-Female Header	2 Series Number 254-Pitch2.54mm	3 Distinction No. 48	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 1-PBT 4-PA6T	10 Color-Resin K6-Black	11 Packaging K-Tray	



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/17	PART NO. FFH25448-DXXSXXXK6K	ITEM NO. FFH25448	<p>Leader Of Industry</p>	
	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 04/JAN/17	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		REV 0
SCALE 5:1	SIZE A4	DRAWN BY KATE	DATE 04/JAN/17	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

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH25448-D04SXXXXK6K	.100(2.54)	.200(5.08)	44	FFH25448-D44SXXXXK6K	2.100(53.34)	2.200(55.88)
6	FFH25448-D06SXXXXK6K	.200(5.08)	.300(7.62)	46	FFH25448-D46SXXXXK6K	2.200(55.88)	2.300(58.42)
8	FFH25448-D08SXXXXK6K	.300(7.62)	.400(10.16)	48	FFH25448-D48SXXXXK6K	2.300(58.42)	2.400(60.96)
10	FFH25448-D10SXXXXK6K	.400(10.16)	.500(12.70)	50	FFH25448-D50SXXXXK6K	2.400(60.96)	2.500(63.50)
12	FFH25448-D12SXXXXK6K	.500(12.70)	.600(15.24)	52	FFH25448-D52SXXXXK6K	2.500(63.50)	2.600(66.04)
14	FFH25448-D14SXXXXK6K	.600(15.24)	.700(17.78)	54	FFH25448-D54SXXXXK6K	2.600(66.04)	2.700(68.58)
16	FFH25448-D16SXXXXK6K	.700(17.78)	.800(20.32)	56	FFH25448-D56SXXXXK6K	2.700(68.58)	2.800(71.12)
18	FFH25448-D18SXXXXK6K	.800(20.32)	.900(22.86)	58	FFH25448-D58SXXXXK6K	2.800(71.12)	2.900(73.66)
20	FFH25448-D20SXXXXK6K	.900(22.86)	1.000(25.40)	60	FFH25448-D60SXXXXK6K	2.900(73.66)	3.000(76.20)
22	FFH25448-D22SXXXXK6K	1.000(25.40)	1.100(27.94)	62	FFH25448-D62SXXXXK6K	3.000(76.20)	3.100(78.74)
24	FFH25448-D24SXXXXK6K	1.100(27.94)	1.200(30.48)	64	FFH25448-D64SXXXXK6K	3.100(78.74)	3.200(81.28)
26	FFH25448-D26SXXXXK6K	1.200(30.48)	1.300(33.02)	66	FFH25448-D66SXXXXK6K	3.200(81.28)	3.300(83.82)
28	FFH25448-D28SXXXXK6K	1.300(33.02)	1.400(35.56)	68	FFH25448-D68SXXXXK6K	3.300(83.82)	3.400(86.36)
30	FFH25448-D30SXXXXK6K	1.400(35.56)	1.500(38.10)	70	FFH25448-D70SXXXXK6K	3.400(86.36)	3.500(88.90)
32	FFH25448-D32SXXXXK6K	1.500(38.10)	1.600(40.64)	72	FFH25448-D72SXXXXK6K	3.500(88.90)	3.600(91.44)
34	FFH25448-D34SXXXXK6K	1.600(40.64)	1.700(43.18)	74	FFH25448-D74SXXXXK6K	3.600(91.44)	3.700(93.98)
36	FFH25448-D36SXXXXK6K	1.700(43.18)	1.800(45.72)	76	FFH25448-D76SXXXXK6K	3.700(93.98)	3.800(96.52)
38	FFH25448-D38SXXXXK6K	1.800(45.72)	1.900(48.26)	78	FFH25448-D78SXXXXK6K	3.800(96.52)	3.900(99.06)
40	FFH25448-D40SXXXXK6K	1.900(48.26)	2.000(50.80)	80	FFH25448-D80SXXXXK6K	3.900(99.06)	4.000(101.60)
42	FFH25448-D42SXXXXK6K	2.000(50.80)	2.100(53.34)				

A



B

C

D

E

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/17	PART NO. FFH25448-DXXSXXXXK6K	ITEM NO. FFH25448	 Leader Of Industry			
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5" .X"±2"	CHECKED BY CHERRY	DATE 04/JAN/17	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		REV 0	SHEET NO. 2/2	
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	DRAWN BY KATE	DATE 04/JAN/17	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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