

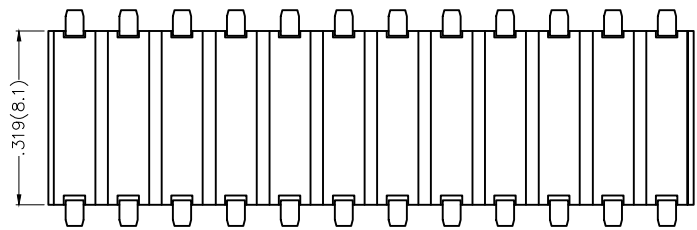
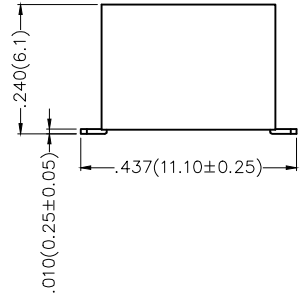
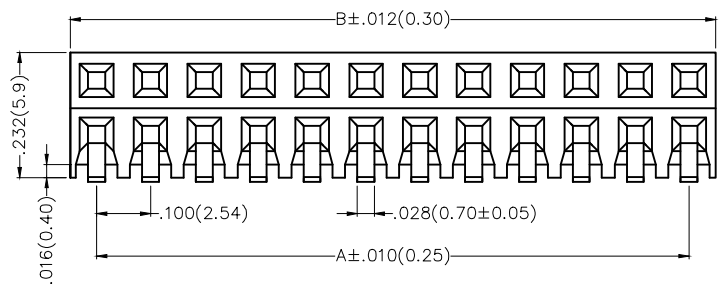
1 2 3 4 5 6 7 8

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

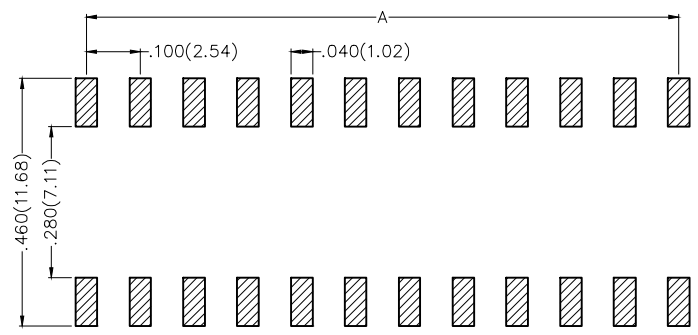
**Material and Plating**  
 Housing: Glass Filled Polyester (UL 94V-0)  
 Contact Pin: Brass  
 Plating: Gold Plated/Selective gold on contact area, tin on tail



**Ordering Information**

FFH 254 43 — D XX B X XX 4 K6 X  
 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. 43	4   Row Option D—Double row	5   Circuits XX	6   Entry Angle B—90° Angle
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 L—Tube M—Reel	



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/MAR/17	PART NO. FFH25443-DXXBXXX4K6X	ITEM NO. FFH25443	<p>Leader Of Industry</p>		
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 04/MAR/17	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (SMT)			REV 0	SHEET NO. 1/2
	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 04/MAR/17	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)	.XX'±1'						
		X.XXX±.004(0.10)	.XXX±0.5'						

1 2 3 4 5 6 7 8

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	FFH25443-D04BXXX4K6X	.100(2.54)	.200(5.08)	34	FFH25443-D34BXXX4K6X	1.600(40.64)	1.700(43.18)
6	FFH25443-D06BXXX4K6X	.200(5.08)	.300(7.62)	36	FFH25443-D36BXXX4K6X	1.700(43.18)	1.800(45.72)
8	FFH25443-D08BXXX4K6X	.300(7.62)	.400(10.16)	38	FFH25443-D38BXXX4K6X	1.800(45.72)	1.900(48.26)
10	FFH25443-D10BXXX4K6X	.400(10.16)	.500(12.70)	40	FFH25443-D40BXXX4K6X	1.900(48.26)	2.000(50.80)
12	FFH25443-D12BXXX4K6X	.500(12.70)	.600(15.24)	42	FFH25443-D42BXXX4K6X	2.000(50.80)	2.100(53.34)
14	FFH25443-D14BXXX4K6X	.600(15.24)	.700(17.78)	44	FFH25443-D44BXXX4K6X	2.100(53.34)	2.200(55.88)
16	FFH25443-D16BXXX4K6X	.700(17.78)	.800(20.32)	46	FFH25443-D46BXXX4K6X	2.200(55.88)	2.300(58.42)
18	FFH25443-D18BXXX4K6X	.800(20.32)	.900(22.86)	48	FFH25443-D48BXXX4K6X	2.300(58.42)	2.400(60.96)
20	FFH25443-D20BXXX4K6X	.900(22.86)	1.000(25.40)	50	FFH25443-D50BXXX4K6X	2.400(60.96)	2.500(63.50)
22	FFH25443-D22BXXX4K6X	1.000(25.40)	1.100(27.94)	52	FFH25443-D52BXXX4K6X	2.500(63.50)	2.600(66.04)
24	FFH25443-D24BXXX4K6X	1.100(27.94)	1.200(30.48)	54	FFH25443-D54BXXX4K6X	2.600(66.04)	2.700(68.58)
26	FFH25443-D26BXXX4K6X	1.200(30.48)	1.300(33.02)	56	FFH25443-D56BXXX4K6X	2.700(68.58)	2.800(71.12)
28	FFH25443-D28BXXX4K6X	1.300(33.02)	1.400(35.56)	58	FFH25443-D58BXXX4K6X	2.800(71.12)	2.900(73.66)
30	FFH25443-D30BXXX4K6X	1.400(35.56)	1.500(38.10)	60	FFH25443-D60BXXX4K6X	2.900(73.66)	3.000(76.20)
32	FFH25443-D32BXXX4K6X	1.500(38.10)	1.600(40.64)				

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	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 04/MAR/17	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (SMT)			REV 0	SHEET NO. 2/2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	DATE 04/MAR/17	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)	.XX±1'	X.XXX±.004(0.10)	.XXX±0.5'			

1 2 3 4 5 6 7 8