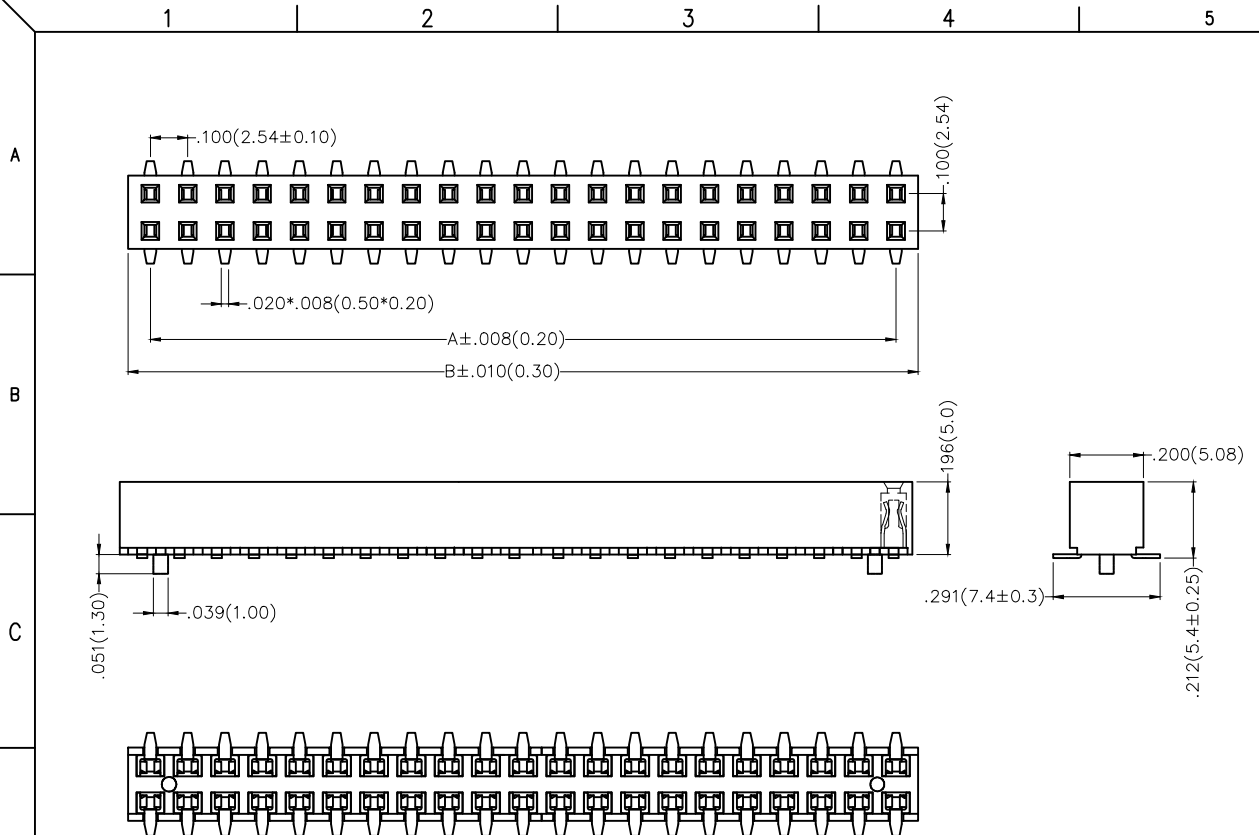


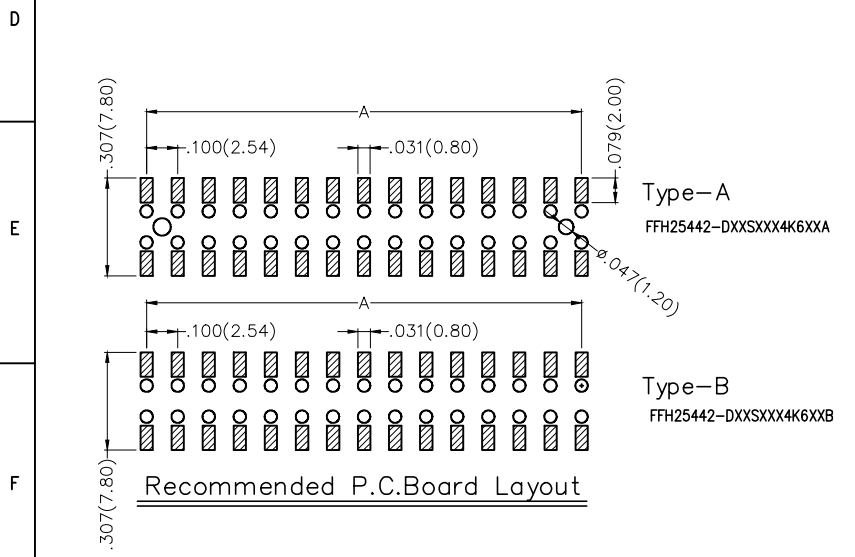
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



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


Packing: M—Reel(With Cap) Packing: M1—Reel(With Mylar)



Ordering Information



FFH 254 42 - D XX S X XX 4 K6 XX X
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFH—Female Header	2 Series Number 254—Pitch 2.54mm	3 Distinction No. 42	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 M—Reel(With Cap) M1—Reel(With Mylar) B—PE Bag	12 Type A—With Position B—W/O Position

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25442-DXXSXXX4K6XXX	ITEM NO. FFH25442	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±0.12(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 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4		DRAWN BY KEVIN	DATE 12/AUG/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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH25442-D04SXXX4K6XXX	.100(2.54)	.220(5.58)	44	FFH25442-D44SXXX4K6XXX	2.100(53.34)	2.220(56.38)
6	FFH25442-D06SXXX4K6XXX	.200(5.08)	.320(8.12)	46	FFH25442-D46SXXX4K6XXX	2.200(55.88)	2.320(58.92)
8	FFH25442-D08SXXX4K6XXX	.300(7.62)	.420(10.66)	48	FFH25442-D48SXXX4K6XXX	2.300(58.42)	2.420(61.46)
10	FFH25442-D10SXXX4K6XXX	.400(10.16)	.520(13.20)	50	FFH25442-D50SXXX4K6XXX	2.400(60.96)	2.520(64.00)
12	FFH25442-D12SXXX4K6XXX	.500(12.70)	.620(15.74)	52	FFH25442-D52SXXX4K6XXX	2.500(63.50)	2.620(66.54)
14	FFH25442-D14SXXX4K6XXX	.600(15.24)	.720(18.28)	54	FFH25442-D54SXXX4K6XXX	2.600(66.04)	2.720(69.08)
16	FFH25442-D16SXXX4K6XXX	.700(17.78)	.820(20.82)	56	FFH25442-D56SXXX4K6XXX	2.700(68.58)	2.820(71.62)
18	FFH25442-D18SXXX4K6XXX	.800(20.32)	.920(23.36)	58	FFH25442-D58SXXX4K6XXX	2.800(71.12)	2.920(74.16)
20	FFH25442-D20SXXX4K6XXX	.900(22.86)	1.020(25.90)	60	FFH25442-D60SXXX4K6XXX	2.900(73.66)	3.020(76.70)
22	FFH25442-D22SXXX4K6XXX	1.000(25.40)	1.120(28.44)	62	FFH25442-D62SXXX4K6XXX	3.000(76.20)	3.120(79.24)
24	FFH25442-D24SXXX4K6XXX	1.100(27.94)	1.220(30.98)	64	FFH25442-D64SXXX4K6XXX	3.100(78.74)	3.220(81.78)
26	FFH25442-D26SXXX4K6XXX	1.200(30.48)	1.320(33.52)	66	FFH25442-D66SXXX4K6XXX	3.200(81.28)	3.320(84.32)
28	FFH25442-D28SXXX4K6XXX	1.300(33.02)	1.420(36.06)	68	FFH25442-D68SXXX4K6XXX	3.300(83.82)	3.420(86.86)
30	FFH25442-D30SXXX4K6XXX	1.400(35.56)	1.520(38.60)	70	FFH25442-D70SXXX4K6XXX	3.400(86.36)	3.520(89.40)
32	FFH25442-D32SXXX4K6XXX	1.500(38.10)	1.620(41.14)	72	FFH25442-D72SXXX4K6XXX	3.500(88.90)	3.620(91.94)
34	FFH25442-D34SXXX4K6XXX	1.600(40.64)	1.720(43.68)	74	FFH25442-D74SXXX4K6XXX	3.600(91.44)	3.720(94.48)
36	FFH25442-D36SXXX4K6XXX	1.700(43.18)	1.820(46.22)	76	FFH25442-D76SXXX4K6XXX	3.700(93.98)	3.820(97.02)
38	FFH25442-D38SXXX4K6XXX	1.800(45.72)	1.920(48.76)	78	FFH25442-D78SXXX4K6XXX	3.800(96.52)	3.920(99.56)
40	FFH25442-D40SXXX4K6XXX	1.900(48.26)	2.020(51.30)	80	FFH25442-D80SXXX4K6XXX	3.900(99.06)	4.020(102.10)
42	FFH25442-D42SXXX4K6XXX	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25442-DXXSXXX4K6XXX	ITEM NO. FFH25442	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)			REV 0
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KEVIN	DATE 12/AUG/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)	.XX'±1'				