

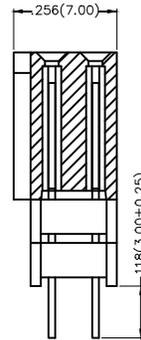
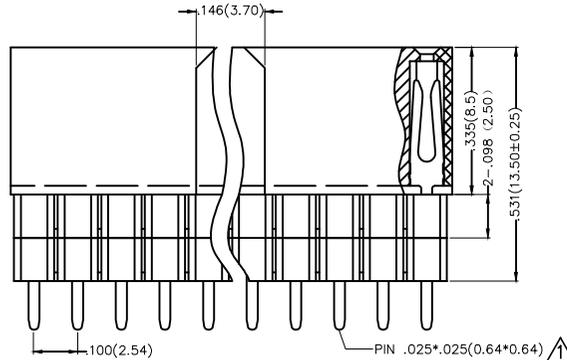
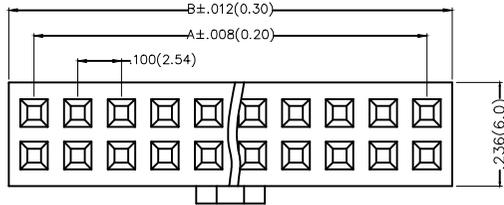
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	15/AUG/22	MATT	CHERRY

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~+105°C

Material and Plating

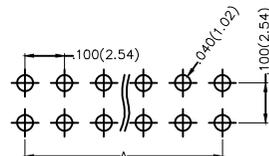
Housing: PBT( UL 94V-0)  
 Contact Pin: Brass  
 Plating: Gold Plated/Selective gold on contact area, tin on tail



Ordering Information

FFH 254 31 - D XX S X XX 1 K6 K  
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 254—Pitch 2.54mm	3 Distinction No. 31	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	10 Color—Resin K6—Black	11 Packaging K—Tray	



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUL/13	PART NO. FFH25431-DXXSXXX1K6K	ITEM NO. FFH25431	 Leader Of Industry
	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 25JUL/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4		DRAWN BY JACOB	DATE 25/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		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
10	FFH25431-D10SXXX1K6K	.400(10.16)	.520(13.20)	46	FFH25431-D46SXXX1K6K	2.200(55.88)	2.320(58.92)
12	FFH25431-D12SXXX1K6K	.500(12.70)	.620(15.74)	48	FFH25431-D48SXXX1K6K	2.300(58.42)	2.420(61.46)
14	FFH25431-D14SXXX1K6K	.600(15.24)	.720(18.28)	50	FFH25431-D50SXXX1K6K	2.400(60.96)	2.520(64.00)
16	FFH25431-D16SXXX1K6K	.700(17.78)	.820(20.82)	52	FFH25431-D52SXXX1K6K	2.500(63.50)	2.620(66.54)
18	FFH25431-D18SXXX1K6K	.800(20.32)	.920(23.36)	54	FFH25431-D54SXXX1K6K	2.600(66.04)	2.720(69.08)
20	FFH25431-D20SXXX1K6K	.900(22.86)	1.020(25.90)	56	FFH25431-D56SXXX1K6K	2.700(68.58)	2.820(71.62)
22	FFH25431-D22SXXX1K6K	1.000(25.40)	1.120(28.44)	58	FFH25431-D58SXXX1K6K	2.800(71.12)	2.920(74.16)
24	FFH25431-D24SXXX1K6K	1.100(27.94)	1.220(30.98)	60	FFH25431-D60SXXX1K6K	2.900(73.66)	3.020(76.70)
26	FFH25431-D26SXXX1K6K	1.200(30.48)	1.320(33.52)	62	FFH25431-D62SXXX1K6K	3.000(76.20)	3.120(79.24)
28	FFH25431-D28SXXX1K6K	1.300(33.02)	1.420(36.06)	64	FFH25431-D64SXXX1K6K	3.100(78.74)	3.220(81.78)
30	FFH25431-D30SXXX1K6K	1.400(35.56)	1.520(38.60)	66	FFH25431-D66SXXX1K6K	3.200(81.28)	3.320(84.32)
32	FFH25431-D32SXXX1K6K	1.500(38.10)	1.620(41.14)	68	FFH25431-D68SXXX1K6K	3.300(83.82)	3.420(86.86)
34	FFH25431-D34SXXX1K6K	1.600(40.64)	1.720(43.68)	70	FFH25431-D70SXXX1K6K	3.400(86.36)	3.520(89.40)
36	FFH25431-D36SXXX1K6K	1.700(43.18)	1.820(46.22)	72	FFH25431-D72SXXX1K6K	3.500(88.90)	3.620(91.94)
38	FFH25431-D38SXXX1K6K	1.800(45.72)	1.920(48.76)	74	FFH25431-D74SXXX1K6K	3.600(91.44)	3.720(94.48)
40	FFH25431-D40SXXX1K6K	1.900(48.26)	2.020(51.30)	76	FFH25431-D76SXXX1K6K	3.700(93.98)	3.820(97.02)
42	FFH25431-D42SXXX1K6K	2.000(50.80)	2.120(53.84)	78	FFH25431-D78SXXX1K6K	3.800(96.52)	3.920(99.56)
44	FFH25431-D44SXXX1K6K	2.100(53.34)	2.220(56.38)	80	FFH25431-D80SXXX1K6K	3.900(99.06)	4.020(102.10)

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	SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	DRAWN BY JACOB	DATE 25/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				