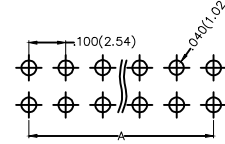
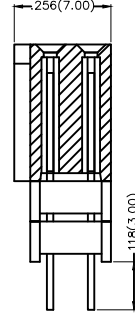
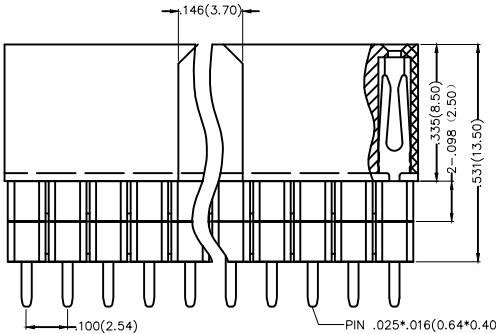
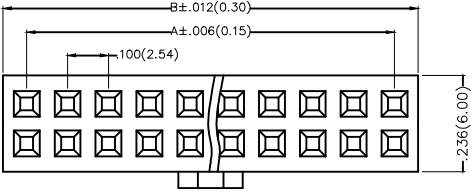


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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~+105°C
Material and Plating
Housing: PBT(UL 94V-0)
Contact Pin: Phosphor Bronze
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail




Recommended P.C.Board Layout



Ordering Information

FFH	254	31	—	D	XX	S	X	XX	1	K6	K
1	2	3	4	5	6	7	8	9	10	11	
Category	Series Number	Distinction No.	Row Option	Circuits	Entry Angle	Plating	Thickness of Plating	Material—Resin	Color—Resin	Packaging	
FFH—Female Header	254—Pitch2.54mm	31	D—Double Row	XX	S—180° Vertical	1—Gold Plated 3—Selective gold in contact area, matte(bright) tin on tail	00—Gold Flash 05—5μ" Custom plate available	1—PBT	K6—Black	K—Tray	

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.		ITEM NO.	 3K-KAMING	
	X.±.012(0.30)	X'±5'	FRANK	25/JUL/13	FFH25431-DXXSXXX1K6K		FFH25431		
	X.X±.008(0.20)	X'±2'	CHECKED BY	DATE	TITLE			REV 0	SHEET NO. 1/1
DESIGN UNITS	X.XX±.006(0.15)	.XX'±1'	DRAWN BY	DATE	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
Inch (metric)	X.XXX±.004(0.10)	.XXX'±0.5'							
SCALE	5:1	SIZE	JACOB	25/JUL/13					
	4	5		6	7	8			



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
10	FFH25431-D10SXXX1K6K	.400(10.16)	.520(13.20)
12	FFH25431-D12SXXX1K6K	.500(12.70)	.620(15.74)
14	FFH25431-D14SXXX1K6K	.600(15.24)	.720(18.28)
16	FFH25431-D16SXXX1K6K	.700(17.78)	.820(20.82)
18	FFH25431-D18SXXX1K6K	.800(20.32)	.920(23.36)
20	FFH25431-D20SXXX1K6K	.900(22.86)	1.020(25.90)
22	FFH25431-D22SXXX1K6K	1.000(25.40)	1.120(28.44)
24	FFH25431-D24SXXX1K6K	1.100(27.94)	1.220(30.98)
26	FFH25431-D26SXXX1K6K	1.200(30.48)	1.320(33.52)
28	FFH25431-D28SXXX1K6K	1.300(33.02)	1.420(36.06)
30	FFH25431-D30SXXX1K6K	1.400(35.56)	1.520(38.60)
32	FFH25431-D32SXXX1K6K	1.500(38.10)	1.620(41.14)
34	FFH25431-D34SXXX1K6K	1.600(40.64)	1.720(43.68)
36	FFH25431-D36SXXX1K6K	1.700(43.18)	1.820(46.22)
38	FFH25431-D38SXXX1K6K	1.800(45.72)	1.920(48.76)
40	FFH25431-D40SXXX1K6K	1.900(48.26)	2.020(51.30)
42	FFH25431-D42SXXX1K6K	2.000(50.80)	2.120(53.84)
44	FFH25431-D44SXXX1K6K	2.100(53.34)	2.220(56.38)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
46	FFH25431-D46SXXX1K6K	2.200(55.88)	2.320(58.92)
48	FFH25431-D48SXXX1K6K	2.300(58.42)	2.420(61.46)
50	FFH25431-D50SXXX1K6K	2.400(60.96)	2.520(64.00)
52	FFH25431-D52SXXX1K6K	2.500(63.50)	2.620(66.54)
54	FFH25431-D54SXXX1K6K	2.600(66.04)	2.720(69.08)
56	FFH25431-D56SXXX1K6K	2.700(68.58)	2.820(71.62)
58	FFH25431-D58SXXX1K6K	2.800(71.12)	2.920(74.16)
60	FFH25431-D60SXXX1K6K	2.900(73.66)	3.020(76.70)
62	FFH25431-D62SXXX1K6K	3.000(76.20)	3.120(79.24)
64	FFH25431-D64SXXX1K6K	3.100(78.74)	3.220(81.78)
66	FFH25431-D66SXXX1K6K	3.200(81.28)	3.320(84.32)
68	FFH25431-D68SXXX1K6K	3.300(83.82)	3.420(86.86)
70	FFH25431-D70SXXX1K6K	3.400(86.36)	3.520(89.40)
72	FFH25431-D72SXXX1K6K	3.500(88.90)	3.620(91.94)
74	FFH25431-D74SXXX1K6K	3.600(91.44)	3.720(94.48)
76	FFH25431-D76SXXX1K6K	3.700(93.98)	3.820(97.02)
78	FFH25431-D78SXXX1K6K	3.800(96.52)	3.920(99.56)
80	FFH25431-D80SXXX1K6K	3.900(99.06)	4.020(102.10)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/JUL/13	PART NO. FFH25431-DXXSXXX1K6K	ITEM NO. FFH25431	 3K-KAMING®		
		X.±.012(0.30)	X.'±5'	CHECKED BY	DATE	TITLE				
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.'±2'	CHERRY	25JUL/13	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			REV 0	SHEET NO. 1/1
		X.XX±.006(0.15)	.XX'±1'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO., LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'	JACOB	25/JUL/13					