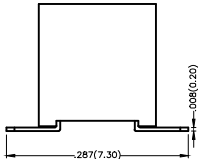
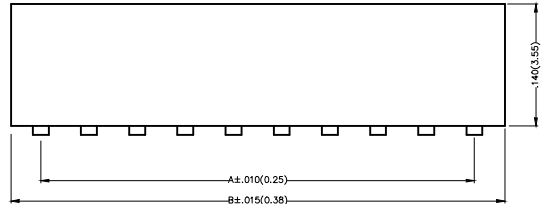
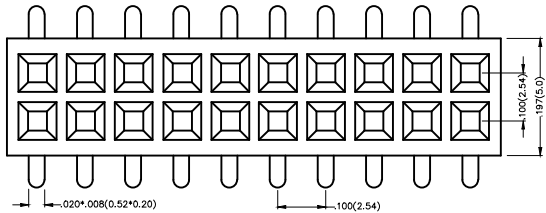
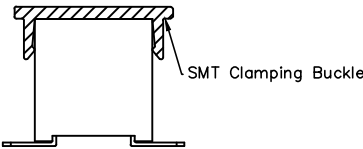


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

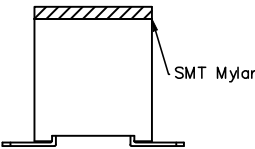
Electrical
Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -40℃~+105℃
Material and Plating
Housing: PA6T(UL 94V-0)
Contact Pin: Phosphor Bronze
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



Packing: M—Reel(With Cap)



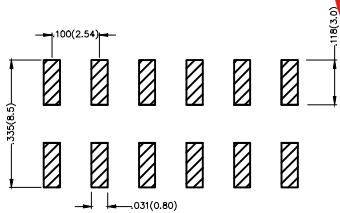
Packing: M1—Reel(With Mylar)



Ordering Information

FFH 254 21 — D XX S X XX 4 K6 XX
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. 21	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 1—Gold Plated 3—Selective gold in contact area, matte(bright) tin on tail	8	Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9	Material—Resin 4—PA6T	10	Material—Resin K6—Black	11	Packaging M—Reel(With Cap) M1—Reel(With Mylar)		



Recommended P.C.Board Layout

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25421-XXSXXX4K6XX	ITEM NO. FFH25421		
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X'±5"	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)		3K-KAMING	
		X.X±.008(0.20)	X'±2"	CHERRY	12/AUG/13				
		X.XX±.006(0.15)	XX'±1"	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	XX'±0.5"	JACOB	12/AUG/13	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			
4		5		6		7		8	

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
4	FFH25421-D04SXXX4K6M	.100(2.54)	.220(5.58)
6	FFH25421-D06SXXX4K6M	.200(5.08)	.320(8.12)
8	FFH25421-D08SXXX4K6M	.300(7.62)	.420(10.66)
10	FFH25421-D10SXXX4K6M	.400(10.16)	.520(13.20)
12	FFH25421-D12SXXX4K6M	.500(12.70)	.620(15.74)
14	FFH25421-D14SXXX4K6M	.600(15.24)	.720(18.28)
16	FFH25421-D16SXXX4K6M	.700(17.78)	.820(20.82)
18	FFH25421-D18SXXX4K6M	.800(20.32)	.920(23.36)
20	FFH25421-D20SXXX4K6M	.900(22.86)	1.020(25.90)
22	FFH25421-D22SXXX4K6M	1.000(25.40)	1.120(28.44)
24	FFH25421-D24SXXX4K6M	1.100(27.94)	1.220(30.98)
26	FFH25421-D26SXXX4K6M	1.200(30.48)	1.320(33.52)
28	FFH25421-D28SXXX4K6M	1.300(33.02)	1.420(36.06)
30	FFH25421-D30SXXX4K6M	1.400(35.56)	1.520(38.60)
32	FFH25421-D32SXXX4K6M	1.500(38.10)	1.620(41.14)
34	FFH25421-D34SXXX4K6M	1.600(40.64)	1.720(43.68)
36	FFH25421-D36SXXX4K6M	1.700(43.18)	1.820(46.22)
38	FFH25421-D38SXXX4K6M	1.800(45.72)	1.920(48.76)
40	FFH25421-D40SXXX4K6M	1.900(48.26)	2.020(51.30)
42	FFH25421-D42SXXX4K6M	2.000(50.80)	2.120(53.84)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
44	FFH25421-D44SXXX4K6M	2.100(53.34)	2.220(56.38)
46	FFH25421-D46SXXX4K6M	2.200(55.88)	2.320(58.92)
48	FFH25421-D48SXXX4K6M	2.300(58.42)	2.420(61.46)
50	FFH25421-D50SXXX4K6M	2.400(60.96)	2.520(64.00)
52	FFH25421-D52SXXX4K6M	2.500(63.50)	2.620(66.54)
54	FFH25421-D54SXXX4K6M	2.600(66.04)	2.720(69.08)
56	FFH25421-D56SXXX4K6M	2.700(68.58)	2.820(71.62)
58	FFH25421-D58SXXX4K6M	2.800(71.12)	2.920(74.16)
60	FFH25421-D60SXXX4K6M	2.900(73.66)	3.020(76.70)
62	FFH25421-D62SXXX4K6M	3.000(76.20)	3.120(79.24)
64	FFH25421-D64SXXX4K6M	3.100(78.74)	3.220(81.78)
66	FFH25421-D66SXXX4K6M	3.200(81.28)	3.320(84.32)
68	FFH25421-D68SXXX4K6M	3.300(83.82)	3.420(86.86)
70	FFH25421-D70SXXX4K6M	3.400(86.36)	3.520(89.40)
72	FFH25421-D72SXXX4K6M	3.500(88.90)	3.620(91.94)
74	FFH25421-D74SXXX4K6M	3.600(91.44)	3.720(94.48)
76	FFH25421-D76SXXX4K6M	3.700(93.98)	3.820(97.02)
78	FFH25421-D78SXXX4K6M	3.800(96.52)	3.920(99.56)
80	FFH25421-D80SXXX4K6M	3.900(99.06)	4.020(102.10)



		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.		ITEM NO.		 3K-KAMING®	
THIRD ANGLE PROJECTION				FRANK	12/AUG/13	FFH25421-XXSXXX4K6XX		FFH25421			
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)		REV 0		SHEET NO. 1/1	
		X.X±.008(0.20)	X.±2°	CHERRY	12/AUG/13						
		X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE						
SCALE	SIZE	X.XXX±.004(0.10)	.XXX±0.5°	JACOB	12/AUG/13	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					
4		5		6		7		8			