

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Dimensions change	28/APR/17	KATE	VERNON

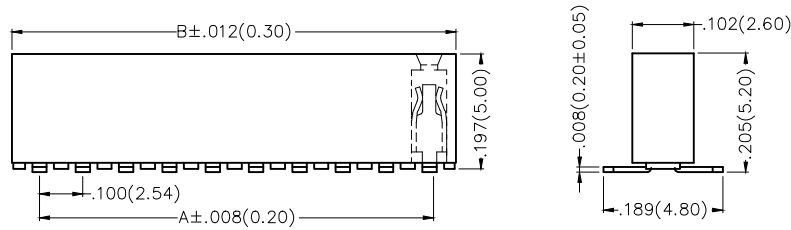
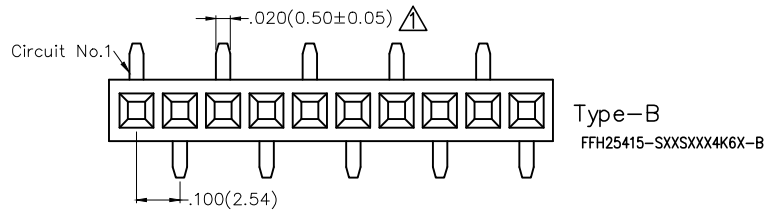
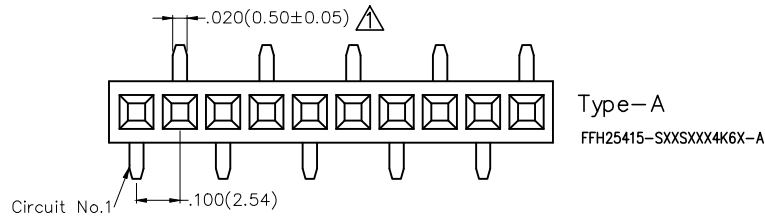


Electrical

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

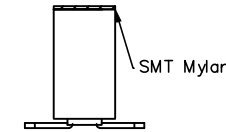
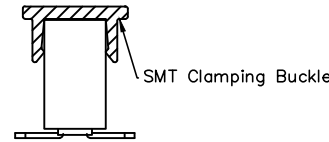
Material and Plating

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



Packing: M-Reel(With Cap)

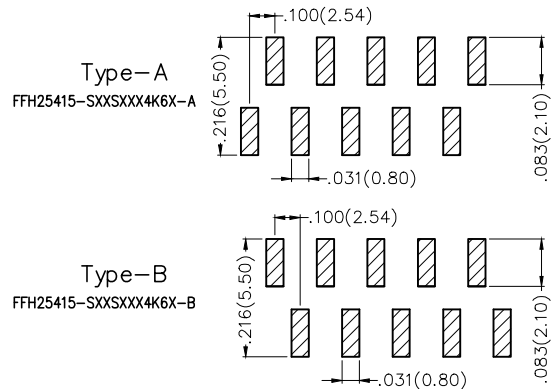
Packing: M1-Reel(With Mylar)



Ordering Information

FFH 254 15 - S XX S X XX 4 K6 X - X  
1 2 3 4 5 6 7 8 9 10 11 12

1   <u>Category</u> FFH-Female Header	2   <u>Series Number</u> 254-Pitch2.54mm	3   <u>Distinction No.</u> 15	4   <u>Row Option</u> S-Single Row	5   <u>Circuits</u> XX	6   <u>Entry Angle</u> S-180° Vertical
7   <u>Plating</u> 1-Gold Plated 3-Selective gold in contact area, tin on tail	8   <u>Thickness of Plating</u> 00-Gold Flash 05-5μ" Custom plate available	9   <u>Material-Resin</u> 4-PA6T	10   <u>Color-Resin</u> K6-Black	11   <u>Packaging</u> M-Reel(With Cap) M1-Reel(With Mylar)	12   <u>Type</u> A-A Type B-B Type



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25415-SXXSXXX4K6X-X	ITEM NO. FFH25415	 3K-KAMING®	
	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 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)		REV 1
SCALE 5:1	SIZE A4		DRAWN BY JACOB	DATE 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			



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FFH25415-S02SXXX4K6X-X	.100(2.54)	.216(5.48)	22	FFH25415-S22SXXX4K6X-X	2.100(53.34)	2.216(56.28)
3	FFH25415-S03SXXX4K6X-X	.200(5.08)	.316(8.02)	23	FFH25415-S23SXXX4K6X-X	2.200(55.88)	2.316(58.82)
4	FFH25415-S04SXXX4K6X-X	.300(7.62)	.416(10.56)	24	FFH25415-S24SXXX4K6X-X	2.300(58.42)	2.416(61.36)
5	FFH25415-S05SXXX4K6X-X	.400(10.16)	.516(13.10)	25	FFH25415-S25SXXX4K6X-X	2.400(60.96)	2.516(63.90)
6	FFH25415-S06SXXX4K6X-X	.500(12.70)	.616(15.64)	26	FFH25415-S26SXXX4K6X-X	2.500(63.50)	2.616(66.44)
7	FFH25415-S07SXXX4K6X-X	.600(15.24)	.716(18.18)	27	FFH25415-S27SXXX4K6X-X	2.600(66.04)	2.716(68.98)
8	FFH25415-S08SXXX4K6X-X	.700(17.78)	.816(20.72)	28	FFH25415-S28SXXX4K6X-X	2.700(68.58)	2.816(71.52)
9	FFH25415-S09SXXX4K6X-X	.800(20.32)	.916(23.26)	29	FFH25415-S29SXXX4K6X-X	2.800(71.12)	2.916(74.06)
10	FFH25415-S10SXXX4K6X-X	.900(22.86)	1.016(25.80)	30	FFH25415-S30SXXX4K6X-X	2.900(73.66)	3.016(76.60)
11	FFH25415-S11SXXX4K6X-X	1.000(25.40)	1.116(28.34)	31	FFH25415-S31SXXX4K6X-X	3.000(76.20)	3.116(79.14)
12	FFH25415-S12SXXX4K6X-X	1.100(27.94)	1.216(30.88)	32	FFH25415-S32SXXX4K6X-X	3.100(78.74)	3.216(81.68)
13	FFH25415-S13SXXX4K6X-X	1.200(30.48)	1.316(33.42)	33	FFH25415-S33SXXX4K6X-X	3.200(81.28)	3.316(84.22)
14	FFH25415-S14SXXX4K6X-X	1.300(33.02)	1.416(35.96)	34	FFH25415-S34SXXX4K6X-X	3.300(83.82)	3.416(86.76)
15	FFH25415-S15SXXX4K6X-X	1.400(35.56)	1.516(38.50)	35	FFH25415-S35SXXX4K6X-X	3.400(86.36)	3.516(89.30)
16	FFH25415-S16SXXX4K6X-X	1.500(38.10)	1.616(41.04)	36	FFH25415-S36SXXX4K6X-X	3.500(88.90)	3.616(91.84)
17	FFH25415-S17SXXX4K6X-X	1.600(40.64)	1.716(43.58)	37	FFH25415-S37SXXX4K6X-X	3.600(91.44)	3.716(94.38)
18	FFH25415-S18SXXX4K6X-X	1.700(43.18)	1.816(46.12)	38	FFH25415-S38SXXX4K6X-X	3.700(93.98)	3.816(96.92)
19	FFH25415-S19SXXX4K6X-X	1.800(45.72)	1.916(48.66)	39	FFH25415-S39SXXX4K6X-X	3.800(96.52)	3.916(99.46)
20	FFH25415-S20SXXX4K6X-X	1.900(48.26)	2.016(51.20)	40	FFH25415-S40SXXX4K6X-X	3.900(99.06)	4.016(102.00)
21	FFH25415-S21SXXX4K6X-X	2.000(50.80)	2.116(53.74)				



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 3K-KAMING
	X.±.012(0.30)	X.±5'	FRANK	12/AUG/13	FFH25415-SXXSXXX4K6X-X	FFH25415	
	X.X±.008(0.20)	X.±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX±1'	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)	REV 1	
SCALE	SIZE	X.XXX±.004(0.10)	.XXX±0.5'	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	
5:1	A4			JACOB	12/AUG/13		