

1 2 3 4 5 6 7 8

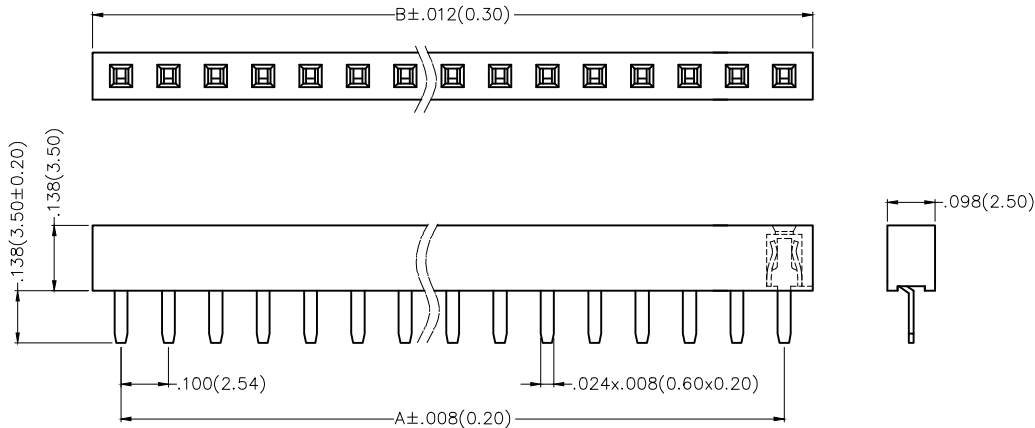
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

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

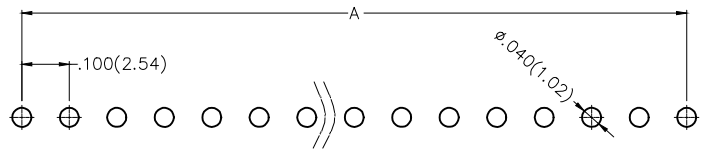
Material and Plating
 Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold in contact area, tin on tail



Ordering Information

FFH 254 46 — S XX S X XX X K6 X
 1 2 3 4 5 6 7 8 9 10 11

1 <u>Category</u> FFH—Female Header	2 <u>Series Number</u> 254—Pitch2.54mm	3 <u>Distinction No.</u> 46	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> 1—PBT 4—PA6T	10 <u>Color—Resin</u> K6—Black	11 <u>Packaging</u> L—Tube K—Tray	



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.±5' X.X±.008(0.20) X.±2' X.XX±.006(0.15) .XX'±1" X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446—SXXSXXXXK6X	ITEM NO. FFH25446	<p>3K-KAMING®</p>	
	DESIGN UNITS Inch (metric)	SCALE 5:1	SIZE A4	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		REV 0
DRAWN BY KATE					DATE 04/JAN/16	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		

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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	FFH25446-S02SXXXXK6X	.100(2.54)	.200(5.08)	22	FFH25446-S22SXXXXK6X	2.100(53.34)	2.200(55.88)
3	FFH25446-S03SXXXXK6X	.200(5.08)	.300(7.62)	23	FFH25446-S23SXXXXK6X	2.200(55.88)	2.300(58.42)
4	FFH25446-S04SXXXXK6X	.300(7.62)	.400(10.16)	24	FFH25446-S24SXXXXK6X	2.300(58.42)	2.400(60.96)
5	FFH25446-S05SXXXXK6X	.400(10.16)	.500(12.70)	25	FFH25446-S25SXXXXK6X	2.400(60.96)	2.500(63.50)
6	FFH25446-S06SXXXXK6X	.500(12.70)	.600(15.24)	26	FFH25446-S26SXXXXK6X	2.500(63.50)	2.600(66.04)
7	FFH25446-S07SXXXXK6X	.600(15.24)	.700(17.78)	27	FFH25446-S27SXXXXK6X	2.600(66.04)	2.700(68.58)
8	FFH25446-S08SXXXXK6X	.700(17.78)	.800(20.32)	28	FFH25446-S28SXXXXK6X	2.700(68.58)	2.800(71.12)
9	FFH25446-S09SXXXXK6X	.800(20.32)	.900(22.86)	29	FFH25446-S29SXXXXK6X	2.800(71.12)	2.900(73.66)
10	FFH25446-S10SXXXXK6X	.900(22.86)	1.000(25.40)	30	FFH25446-S30SXXXXK6X	2.900(73.66)	3.000(76.20)
11	FFH25446-S11SXXXXK6X	1.000(25.40)	1.100(27.94)	31	FFH25446-S31SXXXXK6X	3.000(76.20)	3.100(78.74)
12	FFH25446-S12SXXXXK6X	1.100(27.94)	1.200(30.48)	32	FFH25446-S32SXXXXK6X	3.100(78.74)	3.200(81.28)
13	FFH25446-S13SXXXXK6X	1.200(30.48)	1.300(33.02)	33	FFH25446-S33SXXXXK6X	3.200(81.28)	3.300(83.82)
14	FFH25446-S14SXXXXK6X	1.300(33.02)	1.400(35.56)	34	FFH25446-S34SXXXXK6X	3.300(83.82)	3.400(86.36)
15	FFH25446-S15SXXXXK6X	1.400(35.56)	1.500(38.10)	35	FFH25446-S35SXXXXK6X	3.400(86.36)	3.500(88.90)
16	FFH25446-S16SXXXXK6X	1.500(38.10)	1.600(40.64)	36	FFH25446-S36SXXXXK6X	3.500(88.90)	3.600(91.44)
17	FFH25446-S17SXXXXK6X	1.600(40.64)	1.700(43.18)	37	FFH25446-S37SXXXXK6X	3.600(91.44)	3.700(93.98)
18	FFH25446-S18SXXXXK6X	1.700(43.18)	1.800(45.72)	38	FFH25446-S38SXXXXK6X	3.700(93.98)	3.800(96.52)
19	FFH25446-S19SXXXXK6X	1.800(45.72)	1.900(48.26)	39	FFH25446-S39SXXXXK6X	3.800(96.52)	3.900(99.06)
20	FFH25446-S20SXXXXK6X	1.900(48.26)	2.000(50.80)	40	FFH25446-S40SXXXXK6X	3.900(99.06)	4.000(101.60)
21	FFH25446-S21SXXXXK6X	2.000(50.80)	2.100(53.34)				



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-SXXSXXXXK6X	ITEM NO. FFH25446	<p>3K-KAMING</p>	
	X.±.012(0.30)	X'±5'	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'±2'	DRAWN BY KATE	DATE 04/JAN/16	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.XX±.006(0.15)	X'±1'	X.XX±.004(0.10)	X'±0.5'		

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



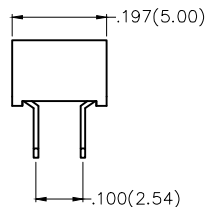
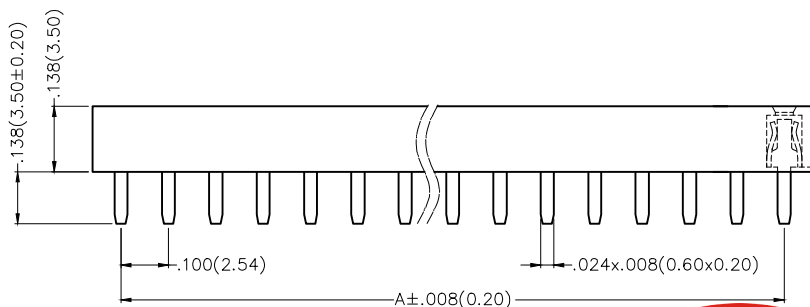
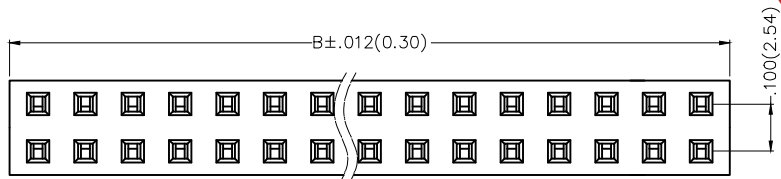
SPECIFICATIONS

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

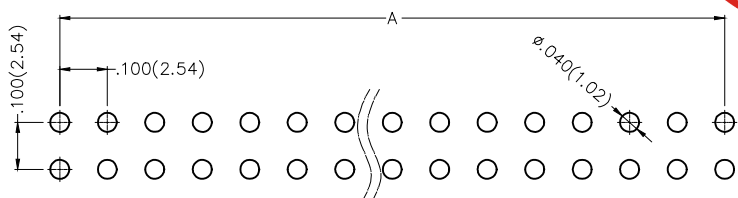
Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold in contact area, tin on tail



Ordering Information

FFH 254 46 — D XX S X XX X K6 X
 1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 254—Pitch2.54mm	3 Distinction No. 46	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, tin on tail	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 Color—Resin K6—Black	11 Packaging L—Tube K—Tray	



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-DXXSXXXXK6X	ITEM NO. FFH25446	<p>3K-KAMING®</p>	
	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 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		REV 0
SCALE 5:1	SIZE A4	DRAWN BY KATE		DATE 04/JAN/16	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			

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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	FFH25446-D04SXXXXK6X	.100(2.54)	.200(5.08)	44	FFH25446-D44SXXXXK6X	2.100(53.34)	2.200(55.88)
6	FFH25446-D06SXXXXK6X	.200(5.08)	.300(7.62)	46	FFH25446-D46SXXXXK6X	2.200(55.88)	2.300(58.42)
8	FFH25446-D08SXXXXK6X	.300(7.62)	.400(10.16)	48	FFH25446-D48SXXXXK6X	2.300(58.42)	2.400(60.96)
10	FFH25446-D10SXXXXK6X	.400(10.16)	.500(12.70)	50	FFH25446-D50SXXXXK6X	2.400(60.96)	2.500(63.50)
12	FFH25446-D12SXXXXK6X	.500(12.70)	.600(15.24)	52	FFH25446-D52SXXXXK6X	2.500(63.50)	2.600(66.04)
14	FFH25446-D14SXXXXK6X	.600(15.24)	.700(17.78)	54	FFH25446-D54SXXXXK6X	2.600(66.04)	2.700(68.58)
16	FFH25446-D16SXXXXK6X	.700(17.78)	.800(20.32)	56	FFH25446-D56SXXXXK6X	2.700(68.58)	2.800(71.12)
18	FFH25446-D18SXXXXK6X	.800(20.32)	.900(22.86)	58	FFH25446-D58SXXXXK6X	2.800(71.12)	2.900(73.66)
20	FFH25446-D20SXXXXK6X	.900(22.86)	1.000(25.40)	60	FFH25446-D60SXXXXK6X	2.900(73.66)	3.000(76.20)
22	FFH25446-D22SXXXXK6X	1.000(25.40)	1.100(27.94)	62	FFH25446-D62SXXXXK6X	3.000(76.20)	3.100(78.74)
24	FFH25446-D24SXXXXK6X	1.100(27.94)	1.200(30.48)	64	FFH25446-D64SXXXXK6X	3.100(78.74)	3.200(81.28)
26	FFH25446-D26SXXXXK6X	1.200(30.48)	1.300(33.02)	66	FFH25446-D66SXXXXK6X	3.200(81.28)	3.300(83.82)
28	FFH25446-D28SXXXXK6X	1.300(33.02)	1.400(35.56)	68	FFH25446-D68SXXXXK6X	3.300(83.82)	3.400(86.36)
30	FFH25446-D30SXXXXK6X	1.400(35.56)	1.500(38.10)	70	FFH25446-D70SXXXXK6X	3.400(86.36)	3.500(88.90)
32	FFH25446-D32SXXXXK6X	1.500(38.10)	1.600(40.64)	72	FFH25446-D72SXXXXK6X	3.500(88.90)	3.600(91.44)
34	FFH25446-D34SXXXXK6X	1.600(40.64)	1.700(43.18)	74	FFH25446-D74SXXXXK6X	3.600(91.44)	3.700(93.98)
36	FFH25446-D36SXXXXK6X	1.700(43.18)	1.800(45.72)	76	FFH25446-D76SXXXXK6X	3.700(93.98)	3.800(96.52)
38	FFH25446-D38SXXXXK6X	1.800(45.72)	1.900(48.26)	78	FFH25446-D78SXXXXK6X	3.800(96.52)	3.900(99.06)
40	FFH25446-D40SXXXXK6X	1.900(48.26)	2.000(50.80)	80	FFH25446-D80SXXXXK6X	3.900(99.06)	4.000(101.60)
42	FFH25446-D42SXXXXK6X	2.000(50.80)	2.100(53.34)				



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 04/JAN/16	PART NO. FFH25446-DXXSXXXXK6X	ITEM NO. FFH25446	 3K-KAMING	
	X.±.012(0.30)	X'±5'	CHECKED BY CHERRY	DATE 04/JAN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'±2'	DRAWN BY KATE	DATE 04/JAN/16	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.XX±.006(0.15)	X.XX'±1'	X.XXX±.004(0.10)	X.XX'±0.5'		

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