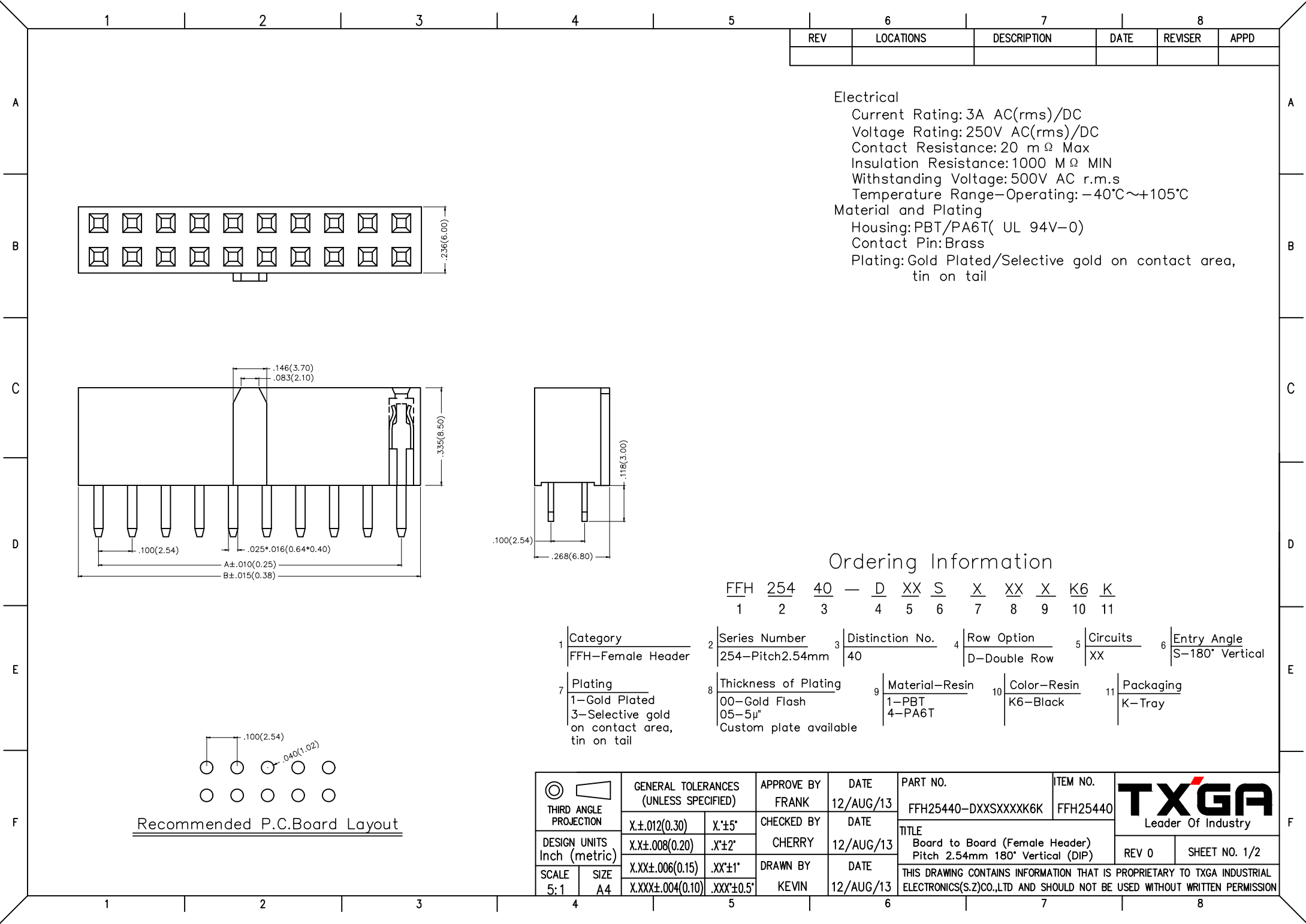




Electrical
Current Rating: 3A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -40°C~+105°C
Material and Plating
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective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

Ordering Information

FFH 254 40 — D XX S X XX X K6 K
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. 40	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 4—PA6T	10	Color—Resin K6—Black	11	Packaging K—Tray		

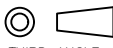
Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25440-DXXSXXXXK6K	ITEM NO. FFH25440	 Leader Of Industry	
		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2"	CHERRY	12/AUG/13				
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE				
		X.XXX±.004(0.10)	.XXX'±0.5"	KEVIN	12/AUG/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 0		SHEET NO. 1/2	

1		2		3		4		5		6		7		8		
										REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD	
A																A
B																B
C																C
D																D
E																E
F																F

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
4	FFH25440-D04SXXXXK6K	.100(2.54)	.220(5.58)
6	FFH25440-D06SXXXXK6K	.200(5.08)	.320(8.12)
8	FFH25440-D08SXXXXK6K	.300(7.62)	.420(10.66)
10	FFH25440-D10SXXXXK6K	.400(10.16)	.520(13.20)
12	FFH25440-D12SXXXXK6K	.500(12.70)	.620(15.74)
14	FFH25440-D14SXXXXK6K	.600(15.24)	.720(18.28)
16	FFH25440-D16SXXXXK6K	.700(17.78)	.820(20.82)
18	FFH25440-D18SXXXXK6K	.800(20.32)	.920(23.36)
20	FFH25407-D20SXXXXK6K	.900(22.86)	1.020(25.90)
22	FFH25440-D22SXXXXK6K	1.000(25.40)	1.120(28.44)
24	FFH25440-D24SXXXXK6K	1.100(27.94)	1.220(30.98)
26	FFH25440-D26SXXXXK6K	1.200(30.48)	1.320(33.52)
28	FFH25440-D28SXXXXK6K	1.300(33.02)	1.420(36.06)
30	FFH25440-D30SXXXXK6K	1.400(35.56)	1.520(38.60)
32	FFH25440-D32SXXXXK6K	1.500(38.10)	1.620(41.14)
34	FFH25440-D34SXXXXK6K	1.600(40.64)	1.720(43.68)
36	FFH25440-D36SXXXXK6K	1.700(43.18)	1.820(46.22)
38	FFH25440-D38SXXXXK6K	1.800(45.72)	1.920(48.76)
40	FFH25440-D40SXXXXK6K	1.900(48.26)	2.020(51.30)
42	FFH25440-D42SXXXXK6K	2.000(50.80)	2.120(53.84)

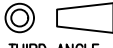
Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
44	FFH25440-D44SXXXXK6K	2.100(53.34)	2.220(56.38)
46	FFH25440-D46SXXXXK6K	2.200(55.88)	2.320(58.92)
48	FFH25440-D48SXXXXK6K	2.300(58.42)	2.420(61.46)
50	FFH25440-D50SXXXXK6K	2.400(60.96)	2.520(64.00)
52	FFH25440-D52SXXXXK6K	2.500(63.50)	2.620(66.54)
54	FFH25440-D54SXXXXK6K	2.600(66.04)	2.720(69.08)
56	FFH25440-D56SXXXXK6K	2.700(68.58)	2.820(71.62)
58	FFH25440-D58SXXXXK6K	2.800(71.12)	2.920(74.16)
60	FFH25440-D60SXXXXK6K	2.900(73.66)	3.020(76.70)
62	FFH25440-D62SXXXXK6K	3.000(76.20)	3.120(79.24)
64	FFH25440-D64SXXXXK6K	3.100(78.74)	3.220(81.78)
66	FFH25440-D66SXXXXK6K	3.200(81.28)	3.320(84.32)
68	FFH25440-D68SXXXXK6K	3.300(83.82)	3.420(86.86)
70	FFH25440-D70SXXXXK6K	3.400(86.36)	3.520(89.40)
72	FFH25440-D72SXXXXK6K	3.500(88.90)	3.620(91.94)
74	FFH25440-D74SXXXXK6K	3.600(91.44)	3.720(94.48)
76	FFH25440-D76SXXXXK6K	3.700(93.98)	3.820(97.02)
78	FFH25440-D78SXXXXK6K	3.800(96.52)	3.920(99.56)
80	FFH25440-D80SXXXXK6K	3.900(99.06)	4.020(102.10)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25440-DXXSXXXXK6K	ITEM NO. FFH25440	 Leader Of Industry
	X.±.012(0.30) X.±5°		CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		
	X.XX±.008(0.20) X.±2°		DRAWN BY KEVIN	DATE 12/AUG/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XX±.006(0.15) X.X±1°						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10) X.XX±0.5°					

1		2		3		4		5		6		7		8	

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
4	FFH25440-D04SXXXXK6K	.100(2.54)	.220(5.58)
6	FFH25440-D06SXXXXK6K	.200(5.08)	.320(8.12)
8	FFH25440-D08SXXXXK6K	.300(7.62)	.420(10.66)
10	FFH25440-D10SXXXXK6K	.400(10.16)	.520(13.20)
12	FFH25440-D12SXXXXK6K	.500(12.70)	.620(15.74)
14	FFH25440-D14SXXXXK6K	.600(15.24)	.720(18.28)
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20	FFH25407-D20SXXXXK6K	.900(22.86)	1.020(25.90)
22	FFH25440-D22SXXXXK6K	1.000(25.40)	1.120(28.44)
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28	FFH25440-D28SXXXXK6K	1.300(33.02)	1.420(36.06)
30	FFH25440-D30SXXXXK6K	1.400(35.56)	1.520(38.60)
32	FFH25440-D32SXXXXK6K	1.500(38.10)	1.620(41.14)
34	FFH25440-D34SXXXXK6K	1.600(40.64)	1.720(43.68)
36	FFH25440-D36SXXXXK6K	1.700(43.18)	1.820(46.22)
38	FFH25440-D38SXXXXK6K	1.800(45.72)	1.920(48.76)
40	FFH25440-D40SXXXXK6K	1.900(48.26)	2.020(51.30)
42	FFH25440-D42SXXXXK6K	2.000(50.80)	2.120(53.84)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
44	FFH25440-D44SXXXXK6K	2.100(53.34)	2.220(56.38)
46	FFH25440-D46SXXXXK6K	2.200(55.88)	2.320(58.92)
48	FFH25440-D48SXXXXK6K	2.300(58.42)	2.420(61.46)
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54	FFH25440-D54SXXXXK6K	2.600(66.04)	2.720(69.08)
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 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25440-DXXSXXXXK6K	ITEM NO. FFH25440	 Leader Of Industry
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		
	X.X±.008(0.20)	.X°±2°	DRAWN BY KEVIN	DATE 12/AUG/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	SCALE 5:1	SIZE A4					

