

Recommended P.C.Board Layout

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

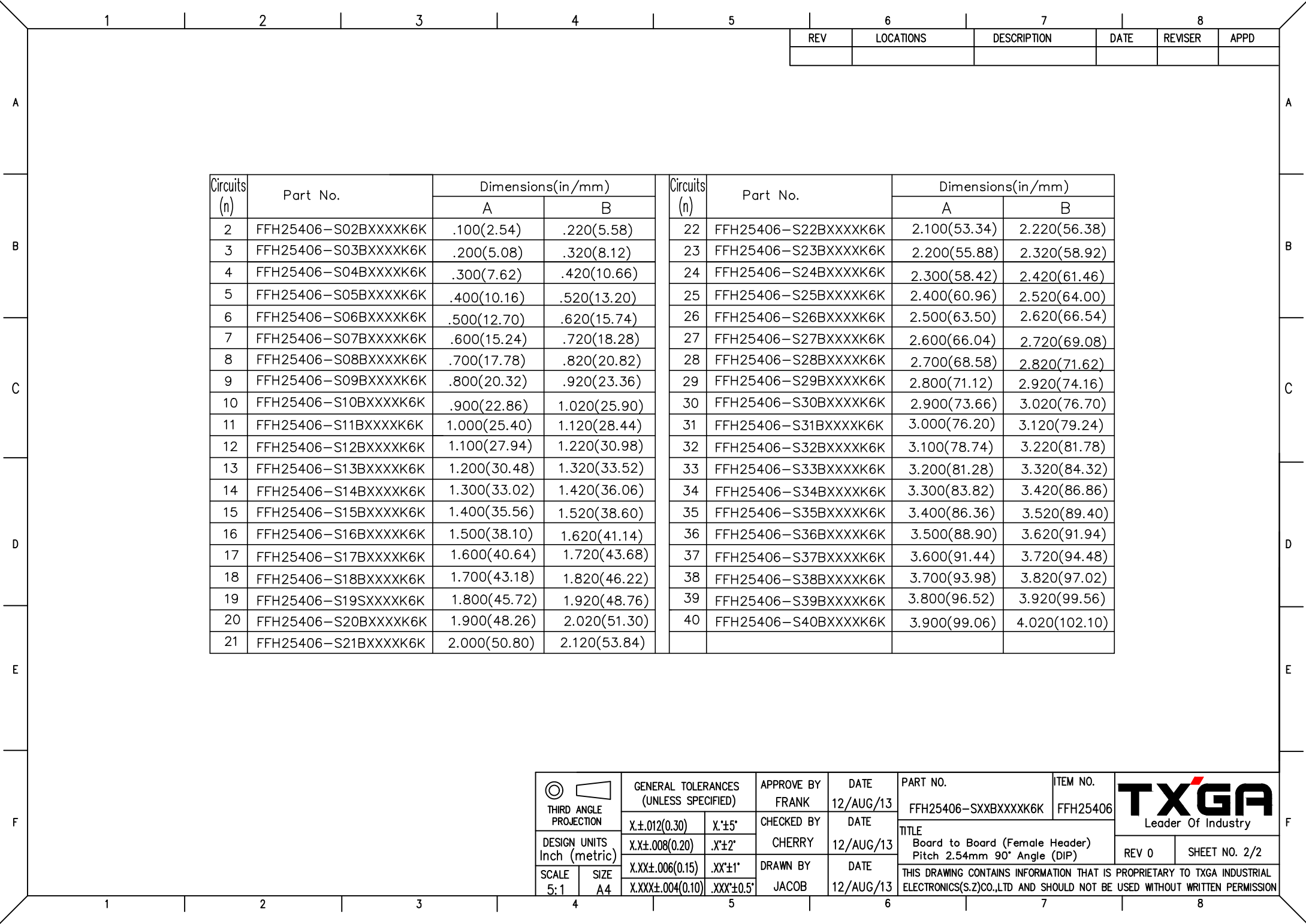
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold on contact area,
tin on tail

Ordering Information

FFH 254 06 — S XX B 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—Pitch 2.54mm	3	Distinction No. 06	4	Row Option S—Single row	5	Circuits XX	6	Entry Angle B—90° Angle
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		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25406-SXXBXXXXK6K	ITEM NO. FFH25406	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)		REV 0	SHEET NO. 1/2
		X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	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	X.XXX±.004(0.10)	.XXX'±0.5°	JACOB	12/AUG/13				



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	FFH25406-S02BXXXXK6K	.100(2.54)	.220(5.58)	22	FFH25406-S22BXXXXK6K	2.100(53.34)	2.220(56.38)
3	FFH25406-S03BXXXXK6K	.200(5.08)	.320(8.12)	23	FFH25406-S23BXXXXK6K	2.200(55.88)	2.320(58.92)
4	FFH25406-S04BXXXXK6K	.300(7.62)	.420(10.66)	24	FFH25406-S24BXXXXK6K	2.300(58.42)	2.420(61.46)
5	FFH25406-S05BXXXXK6K	.400(10.16)	.520(13.20)	25	FFH25406-S25BXXXXK6K	2.400(60.96)	2.520(64.00)
6	FFH25406-S06BXXXXK6K	.500(12.70)	.620(15.74)	26	FFH25406-S26BXXXXK6K	2.500(63.50)	2.620(66.54)
7	FFH25406-S07BXXXXK6K	.600(15.24)	.720(18.28)	27	FFH25406-S27BXXXXK6K	2.600(66.04)	2.720(69.08)
8	FFH25406-S08BXXXXK6K	.700(17.78)	.820(20.82)	28	FFH25406-S28BXXXXK6K	2.700(68.58)	2.820(71.62)
9	FFH25406-S09BXXXXK6K	.800(20.32)	.920(23.36)	29	FFH25406-S29BXXXXK6K	2.800(71.12)	2.920(74.16)
10	FFH25406-S10BXXXXK6K	.900(22.86)	1.020(25.90)	30	FFH25406-S30BXXXXK6K	2.900(73.66)	3.020(76.70)
11	FFH25406-S11BXXXXK6K	1.000(25.40)	1.120(28.44)	31	FFH25406-S31BXXXXK6K	3.000(76.20)	3.120(79.24)
12	FFH25406-S12BXXXXK6K	1.100(27.94)	1.220(30.98)	32	FFH25406-S32BXXXXK6K	3.100(78.74)	3.220(81.78)
13	FFH25406-S13BXXXXK6K	1.200(30.48)	1.320(33.52)	33	FFH25406-S33BXXXXK6K	3.200(81.28)	3.320(84.32)
14	FFH25406-S14BXXXXK6K	1.300(33.02)	1.420(36.06)	34	FFH25406-S34BXXXXK6K	3.300(83.82)	3.420(86.86)
15	FFH25406-S15BXXXXK6K	1.400(35.56)	1.520(38.60)	35	FFH25406-S35BXXXXK6K	3.400(86.36)	3.520(89.40)
16	FFH25406-S16BXXXXK6K	1.500(38.10)	1.620(41.14)	36	FFH25406-S36BXXXXK6K	3.500(88.90)	3.620(91.94)
17	FFH25406-S17BXXXXK6K	1.600(40.64)	1.720(43.68)	37	FFH25406-S37BXXXXK6K	3.600(91.44)	3.720(94.48)
18	FFH25406-S18BXXXXK6K	1.700(43.18)	1.820(46.22)	38	FFH25406-S38BXXXXK6K	3.700(93.98)	3.820(97.02)
19	FFH25406-S19SXXXXK6K	1.800(45.72)	1.920(48.76)	39	FFH25406-S39BXXXXK6K	3.800(96.52)	3.920(99.56)
20	FFH25406-S20BXXXXK6K	1.900(48.26)	2.020(51.30)	40	FFH25406-S40BXXXXK6K	3.900(99.06)	4.020(102.10)
21	FFH25406-S21BXXXXK6K	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25406-SXXBXXXXK6K	ITEM NO. FFH25406	 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 90° Angle (DIP)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	DRAWN BY JACOB	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)	.XX'±1°						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°			REV 0 SHEET NO. 2/2			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

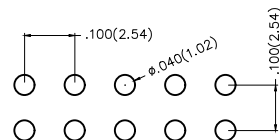
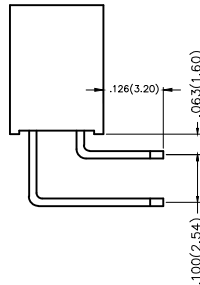
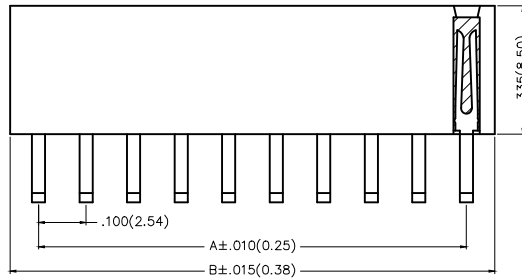
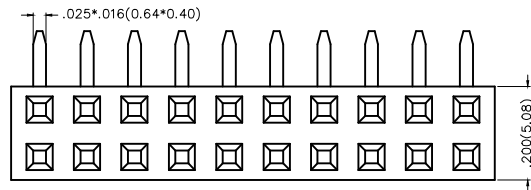
B

C

D

E

F



Recommended P.C.Board Layout

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 06 — D XX B 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. 06	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle B—90° Angle
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		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25406-DXXBXXXXK6K	ITEM NO. FFH25406	 Leader Of Industry	
		X±.012(0.30)	X'±5'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2'	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)		REV 0	SHEET NO. 1/2
		X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE	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	X.XXX±.004(0.10)	.XXX'±0.5'	JACOB	12/AUG/13				

1 2 3 4 5 6 7 8

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
4	FFH25406-D04BXXXXK6K	.100(2.54)	.220(5.58)
6	FFH25406-D06BXXXXK6K	.200(5.08)	.320(8.12)
8	FFH25406-D08BXXXXK6K	.300(7.62)	.420(10.66)
10	FFH25406-D10BXXXXK6K	.400(10.16)	.520(13.20)
12	FFH25406-D12BXXXXK6K	.500(12.70)	.620(15.74)
14	FFH25406-D14BXXXXK6K	.600(15.24)	.720(18.28)
16	FFH25406-D16BXXXXK6K	.700(17.78)	.820(20.82)
18	FFH25406-D18BXXXXK6K	.800(20.32)	.920(23.36)
20	FFH25406-D20BXXXXK6K	.900(22.86)	1.020(25.90)
22	FFH25406-D22BXXXXK6K	1.000(25.40)	1.120(28.44)
24	FFH25406-D24BXXXXK6K	1.100(27.94)	1.220(30.98)
26	FFH25406-D26BXXXXK6K	1.200(30.48)	1.320(33.52)
28	FFH25406-D28BXXXXK6K	1.300(33.02)	1.420(36.06)
30	FFH25406-D30BXXXXK6K	1.400(35.56)	1.520(38.60)
32	FFH25406-D32BXXXXK6K	1.500(38.10)	1.620(41.14)
34	FFH25406-D34BXXXXK6K	1.600(40.64)	1.720(43.68)
36	FFH25406-D36BXXXXK6K	1.700(43.18)	1.820(46.22)
38	FFH25406-D38BXXXXK6K	1.800(45.72)	1.920(48.76)
40	FFH25406-D40BXXXXK6K	1.900(48.26)	2.020(51.30)
42	FFH25406-D42BXXXXK6K	2.000(50.80)	2.120(53.84)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
44	FFH25406-D44BXXXXK6K	2.100(53.34)	2.220(56.38)
46	FFH25406-D46BXXXXK6K	2.200(55.88)	2.320(58.92)
48	FFH25406-D48BXXXXK6K	2.300(58.42)	2.420(61.46)
50	FFH25406-D50BXXXXK6K	2.400(60.96)	2.520(64.00)
52	FFH25406-D52BXXXXK6K	2.500(63.50)	2.620(66.54)
54	FFH25406-D54BXXXXK6K	2.600(66.04)	2.720(69.08)
56	FFH25406-D56BXXXXK6K	2.700(68.58)	2.820(71.62)
58	FFH25406-D58BXXXXK6K	2.800(71.12)	2.920(74.16)
60	FFH25406-D60BXXXXK6K	2.900(73.66)	3.020(76.70)
62	FFH25406-D62BXXXXK6K	3.000(76.20)	3.120(79.24)
64	FFH25406-D64BXXXXK6K	3.100(78.74)	3.220(81.78)
66	FFH25406-D66BXXXXK6K	3.200(81.28)	3.320(84.32)
68	FFH25406-D68BXXXXK6K	3.300(83.82)	3.420(86.86)
70	FFH25406-D70BXXXXK6K	3.400(86.36)	3.520(89.40)
72	FFH25406-D72BXXXXK6K	3.500(88.90)	3.620(91.94)
74	FFH25406-D74BXXXXK6K	3.600(91.44)	3.720(94.48)
76	FFH25406-D76BXXXXK6K	3.700(93.98)	3.820(97.02)
78	FFH25406-D78BXXXXK6K	3.800(96.52)	3.920(99.56)
80	FFH25406-D80BXXXXK6K	3.900(99.06)	4.020(102.10)

THIRD ANGLE
PROJECTION

DESIGN UNITS
Inch (metric)

SCALE
5:1

SIZE
A4

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

CHECKED BY
CHERRY

DRAWN BY
JACOB

DATE
12/AUG/13

DATE
12/AUG/13

DATE
12/AUG/13

PART NO.
FFH25406-DXXBXXXXK6K

TITLE
Board to Board (Female Header)
Pitch 2.54mm 90° Angle (DIP)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL
ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

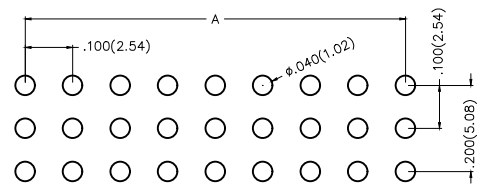
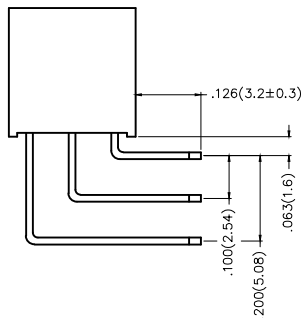
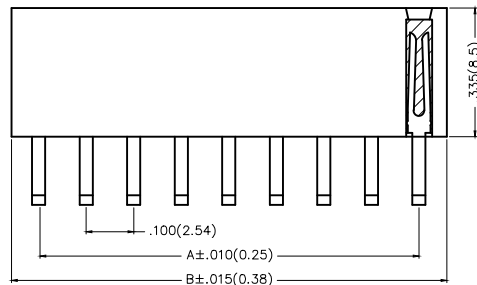
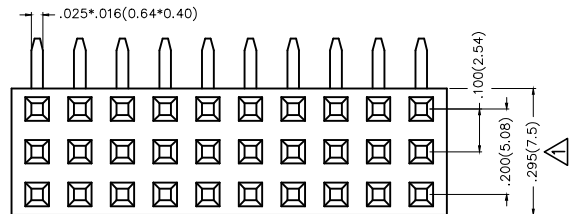
ITEM NO.
FFH25406

REV 0

SHEET NO. 2/2

TXGA

Leader Of Industry



Recommended P.C.Board Layout

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	28/JUN/20	KATE	CHERRY

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

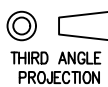
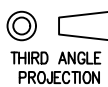
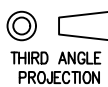
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold on contact area,
tin on tail

Ordering Information

FFH 254 06 — I XX B 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—Pitch 2.54mm	3 Distinction No. 06	4 Row Option T—Triple Row	5 Circuits XX	6 Entry Angle B—90° Angle
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	

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25406—TXXBXXXK6K	ITEM NO. FFH25406	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)		REV 1	SHEET NO. 1/2
		X.XX±.006(0.15)	.XX°±1°	DRAWN BY	DATE	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	X.XXX±.004(0.10)	.XXX°±0.5°	JACOB	12/AUG/13				

1		2		3		4		5		6		7		8																																																																																									
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