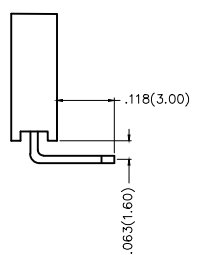
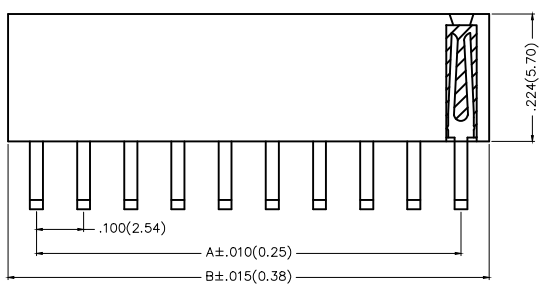
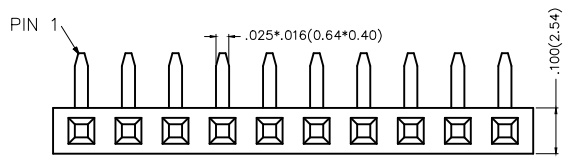


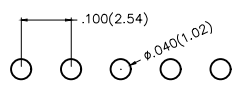
A
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1 2 3 4 5 6 7 8

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°C~+105°C
Material and Plating
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



Recommended P.C.Board Layout

Ordering Information

FFH 254 02 — 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. 02	4	Row Option S—Single row	5	Circuits XX	6	Entry Angle B—90° Angle
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 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. FFH25402-SXXBXXXK6K	ITEM NO. FFH25402	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5"	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)		REV 0	SHEET NO. 1/1
		X.X±.008(0.20)	X'.±2"	CHERRY	12/AUG/13				
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X'±1"	DRAWN BY	DATE		
		X.XXX±.004(0.10)	.XXX±0.5"	JACOB	12/AUG/13				

1 2 3 4 5 6 7 8

A						6		7		8	
						REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
B											
C											
D											
E											
F											

Circuits (n)	Part No.	Dimensions(in./mm)	
		A	B
2	FFH25402-S02BXXXXK6K	.100(2.54)	.220(5.58)
3	FFH25402-S03BXXXXK6K	.200(5.08)	.320(8.12)
4	FFH25402-S04BXXXXK6K	.300(7.62)	.420(10.66)
5	FFH25402-S05BXXXXK6K	.400(10.16)	.520(13.20)
6	FFH25402-S06BXXXXK6K	.500(12.70)	.620(15.74)
7	FFH25402-S07BXXXXK6K	.600(15.24)	.720(18.28)
8	FFH25402-S08BXXXXK6K	.700(17.78)	.820(20.82)
9	FFH25402-S09BXXXXK6K	.800(20.32)	.920(23.36)
10	FFH25402-S10BXXXXK6K	.900(22.86)	1.020(25.90)
11	FFH25402-S11BXXXXK6K	1.000(25.40)	1.120(28.44)
12	FFH25402-S12BXXXXK6K	1.100(27.94)	1.220(30.98)
13	FFH25402-S13BXXXXK6K	1.200(30.48)	1.320(33.52)
14	FFH25402-S14BXXXXK6K	1.300(33.02)	1.420(36.06)
15	FFH25402-S15BXXXXK6K	1.400(35.56)	1.520(38.60)
16	FFH25402-S16BXXXXK6K	1.500(38.10)	1.620(41.14)
17	FFH25402-S17BXXXXK6K	1.600(40.64)	1.720(43.68)
18	FFH25402-S18BXXXXK6K	1.700(43.18)	1.820(46.22)
19	FFH25402-S19SXXXXK6K	1.800(45.72)	1.920(48.76)
20	FFH25402-S20BXXXXK6K	1.900(48.26)	2.020(51.30)
21	FFH25402-S21BXXXXK6K	2.000(50.80)	2.120(53.84)

Circuits (n)	Part No.	Dimensions(in./mm)	
		A	B
22	FFH25402-S22BXXXXK6K	2.100(53.34)	2.220(56.38)
23	FFH25402-S23BXXXXK6K	2.200(55.88)	2.320(58.92)
24	FFH25402-S24BXXXXK6K	2.300(58.42)	2.420(61.46)
25	FFH25402-S25BXXXXK6K	2.400(60.96)	2.520(64.00)
26	FFH25402-S26BXXXXK6K	2.500(63.50)	2.620(66.54)
27	FFH25402-S27BXXXXK6K	2.600(66.04)	2.720(69.08)
28	FFH25402-S28BXXXXK6K	2.700(68.58)	2.820(71.62)
29	FFH25402-S29BXXXXK6K	2.800(71.12)	2.920(74.16)
30	FFH25402-S30BXXXXK6K	2.900(73.66)	3.020(76.70)
31	FFH25402-S31BXXXXK6K	3.000(76.20)	3.120(79.24)
32	FFH25402-S32BXXXXK6K	3.100(78.74)	3.220(81.78)
33	FFH25402-S33BXXXXK6K	3.200(81.28)	3.320(84.32)
34	FFH25402-S34BXXXXK6K	3.300(83.82)	3.420(86.86)
35	FFH25402-S35BXXXXK6K	3.400(86.36)	3.520(89.40)
36	FFH25402-S36BXXXXK6K	3.500(88.90)	3.620(91.94)
37	FFH25402-S37BXXXXK6K	3.600(91.44)	3.720(94.48)
38	FFH25402-S38BXXXXK6K	3.700(93.98)	3.820(97.02)
39	FFH25402-S39BXXXXK6K	3.800(96.52)	3.920(99.56)
40	FFH25402-S40BXXXXK6K	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.X±.008(0.20)

X.XX±.006(0.15)

X.XXX±.004(0.10)

X.±5°

X.±2°

.XX±1°

.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.
FFH25402-SXXBXXXXK6K

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.
FFH25402

REV 0

SHEET NO. 1/1

TXGA

Leader Of Industry

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A
B
C
D
E
F

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

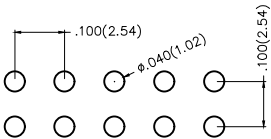
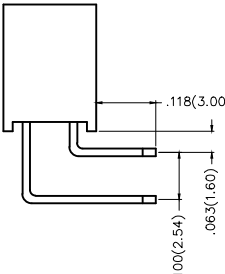
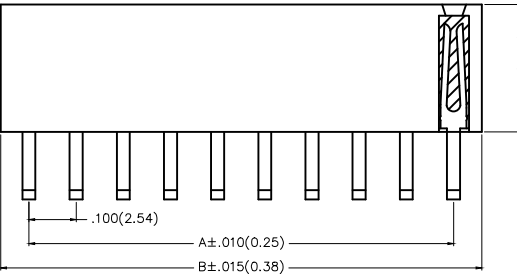
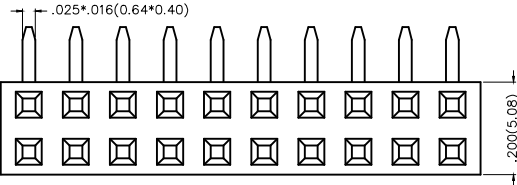
Temperature Range—Operating: -40°C~+105°C

Material and Plating

Housing: PBT/PA6T(UL 94V-0)

Contact Pin: Brass

Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



Recommended P.C.Board Layout

Ordering Information

FFH	254	02	—	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. 02	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle B—90° Angle
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 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. FFH25402-DXXBXXXXK6K	ITEM NO. FFH25402	 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		REV 0	SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'		X.XXX±.004(0.10)	.XXX'±0.5'			

1 2 3 4 5 6 7 8

A						6		7		8	
						REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
B											
C											
D											
E											
F											

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH25402-D04BXXXXK6K	.100(2.54)	.220(5.58)	44	FFH25402-D44BXXXXK6K	2.100(53.34)	2.220(56.38)
6	FFH25402-D06BXXXXK6K	.200(5.08)	.320(8.12)	46	FFH25402-D46BXXXXK6K	2.200(55.88)	2.320(58.92)
8	FFH25402-D08BXXXXK6K	.300(7.62)	.420(10.66)	48	FFH25402-D48BXXXXK6K	2.300(58.42)	2.420(61.46)
10	FFH25402-D10BXXXXK6K	.400(10.16)	.520(13.20)	50	FFH25402-D50BXXXXK6K	2.400(60.96)	2.520(64.00)
12	FFH25402-D12BXXXXK6K	.500(12.70)	.620(15.74)	52	FFH25402-D52BXXXXK6K	2.500(63.50)	2.620(66.54)
14	FFH25402-D14BXXXXK6K	.600(15.24)	.720(18.28)	54	FFH25402-D54BXXXXK6K	2.600(66.04)	2.720(69.08)
16	FFH25402-D16BXXXXK6K	.700(17.78)	.820(20.82)	56	FFH25402-D56BXXXXK6K	2.700(68.58)	2.820(71.62)
18	FFH25402-D18BXXXXK6K	.800(20.32)	.920(23.36)	58	FFH25402-D58BXXXXK6K	2.800(71.12)	2.920(74.16)
20	FFH25402-D20BXXXXK6K	.900(22.86)	1.020(25.90)	60	FFH25402-D60BXXXXK6K	2.900(73.66)	3.020(76.70)
22	FFH25402-D22BXXXXK6K	1.000(25.40)	1.120(28.44)	62	FFH25402-D62BXXXXK6K	3.000(76.20)	3.120(79.24)
24	FFH25402-D24BXXXXK6K	1.100(27.94)	1.220(30.98)	64	FFH25402-D64BXXXXK6K	3.100(78.74)	3.220(81.78)
26	FFH25402-D26BXXXXK6K	1.200(30.48)	1.320(33.52)	66	FFH25402-D66BXXXXK6K	3.200(81.28)	3.320(84.32)
28	FFH25402-D28BXXXXK6K	1.300(33.02)	1.420(36.06)	68	FFH25402-D68BXXXXK6K	3.300(83.82)	3.420(86.86)
30	FFH25402-D30BXXXXK6K	1.400(35.56)	1.520(38.60)	70	FFH25402-D70BXXXXK6K	3.400(86.36)	3.520(89.40)
32	FFH25402-D32BXXXXK6K	1.500(38.10)	1.620(41.14)	72	FFH25402-D72BXXXXK6K	3.500(88.90)	3.620(91.94)
34	FFH25402-D34BXXXXK6K	1.600(40.64)	1.720(43.68)	74	FFH25402-D74BXXXXK6K	3.600(91.44)	3.720(94.48)
36	FFH25402-D36BXXXXK6K	1.700(43.18)	1.820(46.22)	76	FFH25402-D76BXXXXK6K	3.700(93.98)	3.820(97.02)
38	FFH25402-D38BXXXXK6K	1.800(45.72)	1.920(48.76)	78	FFH25402-D78BXXXXK6K	3.800(96.52)	3.920(99.56)
40	FFH25402-D40BXXXXK6K	1.900(48.26)	2.020(51.30)	80	FFH25402-D80BXXXXK6K	3.900(99.06)	4.020(102.10)
42	FFH25402-D42BXXXXK6K	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25402-DXXBXXXXK6K	ITEM NO. FFH25402	 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"					REV 0	SHEET NO. 1/1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"	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.XXX±.004(0.10)	.XXX'±0.5"						

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