

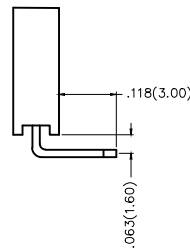
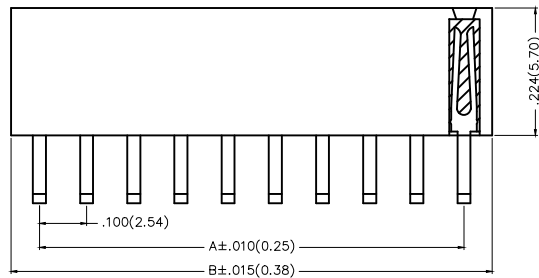
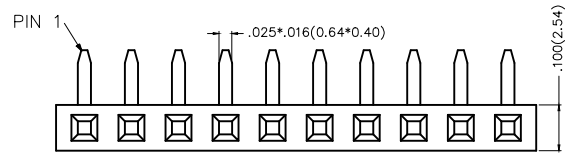
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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

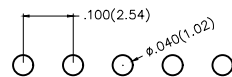
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



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	



Recommended P.C.Board Layout

 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.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 90° Angle (DIP)		REV 0
SCALE 5:1	SIZE A4	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			

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)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FFH25402-S02BXXXXK6K	.100(2.54)	.220(5.58)	22	FFH25402-S22BXXXXK6K	2.100(53.34)	2.220(56.38)
3	FFH25402-S03BXXXXK6K	.200(5.08)	.320(8.12)	23	FFH25402-S23BXXXXK6K	2.200(55.88)	2.320(58.92)
4	FFH25402-S04BXXXXK6K	.300(7.62)	.420(10.66)	24	FFH25402-S24BXXXXK6K	2.300(58.42)	2.420(61.46)
5	FFH25402-S05BXXXXK6K	.400(10.16)	.520(13.20)	25	FFH25402-S25BXXXXK6K	2.400(60.96)	2.520(64.00)
6	FFH25402-S06BXXXXK6K	.500(12.70)	.620(15.74)	26	FFH25402-S26BXXXXK6K	2.500(63.50)	2.620(66.54)
7	FFH25402-S07BXXXXK6K	.600(15.24)	.720(18.28)	27	FFH25402-S27BXXXXK6K	2.600(66.04)	2.720(69.08)
8	FFH25402-S08BXXXXK6K	.700(17.78)	.820(20.82)	28	FFH25402-S28BXXXXK6K	2.700(68.58)	2.820(71.62)
9	FFH25402-S09BXXXXK6K	.800(20.32)	.920(23.36)	29	FFH25402-S29BXXXXK6K	2.800(71.12)	2.920(74.16)
10	FFH25402-S10BXXXXK6K	.900(22.86)	1.020(25.90)	30	FFH25402-S30BXXXXK6K	2.900(73.66)	3.020(76.70)
11	FFH25402-S11BXXXXK6K	1.000(25.40)	1.120(28.44)	31	FFH25402-S31BXXXXK6K	3.000(76.20)	3.120(79.24)
12	FFH25402-S12BXXXXK6K	1.100(27.94)	1.220(30.98)	32	FFH25402-S32BXXXXK6K	3.100(78.74)	3.220(81.78)
13	FFH25402-S13BXXXXK6K	1.200(30.48)	1.320(33.52)	33	FFH25402-S33BXXXXK6K	3.200(81.28)	3.320(84.32)
14	FFH25402-S14BXXXXK6K	1.300(33.02)	1.420(36.06)	34	FFH25402-S34BXXXXK6K	3.300(83.82)	3.420(86.86)
15	FFH25402-S15BXXXXK6K	1.400(35.56)	1.520(38.60)	35	FFH25402-S35BXXXXK6K	3.400(86.36)	3.520(89.40)
16	FFH25402-S16BXXXXK6K	1.500(38.10)	1.620(41.14)	36	FFH25402-S36BXXXXK6K	3.500(88.90)	3.620(91.94)
17	FFH25402-S17BXXXXK6K	1.600(40.64)	1.720(43.68)	37	FFH25402-S37BXXXXK6K	3.600(91.44)	3.720(94.48)
18	FFH25402-S18BXXXXK6K	1.700(43.18)	1.820(46.22)	38	FFH25402-S38BXXXXK6K	3.700(93.98)	3.820(97.02)
19	FFH25402-S19SXXXXK6K	1.800(45.72)	1.920(48.76)	39	FFH25402-S39BXXXXK6K	3.800(96.52)	3.920(99.56)
20	FFH25402-S20BXXXXK6K	1.900(48.26)	2.020(51.30)	40	FFH25402-S40BXXXXK6K	3.900(99.06)	4.020(102.10)
21	FFH25402-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. FFH25402-SXXBXXXXK6K	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)			REV 0
	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		
	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

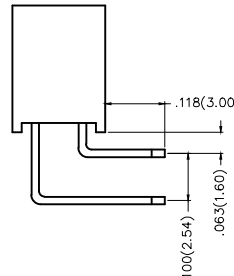
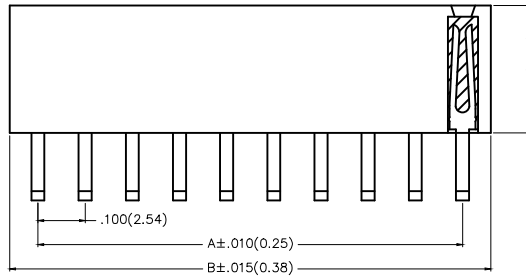
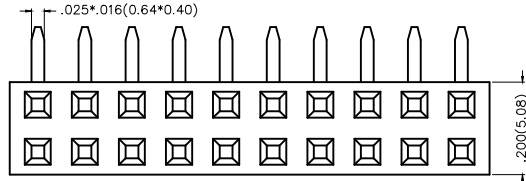
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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

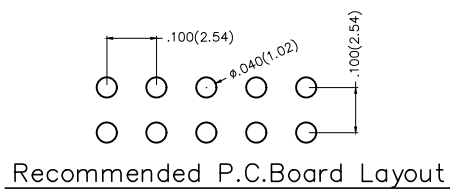
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area,
matte(bright) tin on tail



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 <u>Category</u> FFH—Female Header	2 <u>Series Number</u> 254—Pitch 2.54mm	3 <u>Distinction No.</u> 02	4 <u>Row Option</u> D—Double Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> B—90° Angle
7 <u>Plating</u> 1—Gold Plated 3—Selective gold in contact area, matte(bright) 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> 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	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.'±5' X.'±2'	CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)		REV 0
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1' .XXX'±0.5'	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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

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)			REV 0
	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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"	X.XXX±.004(0.10)	.XX'±0.5'		