

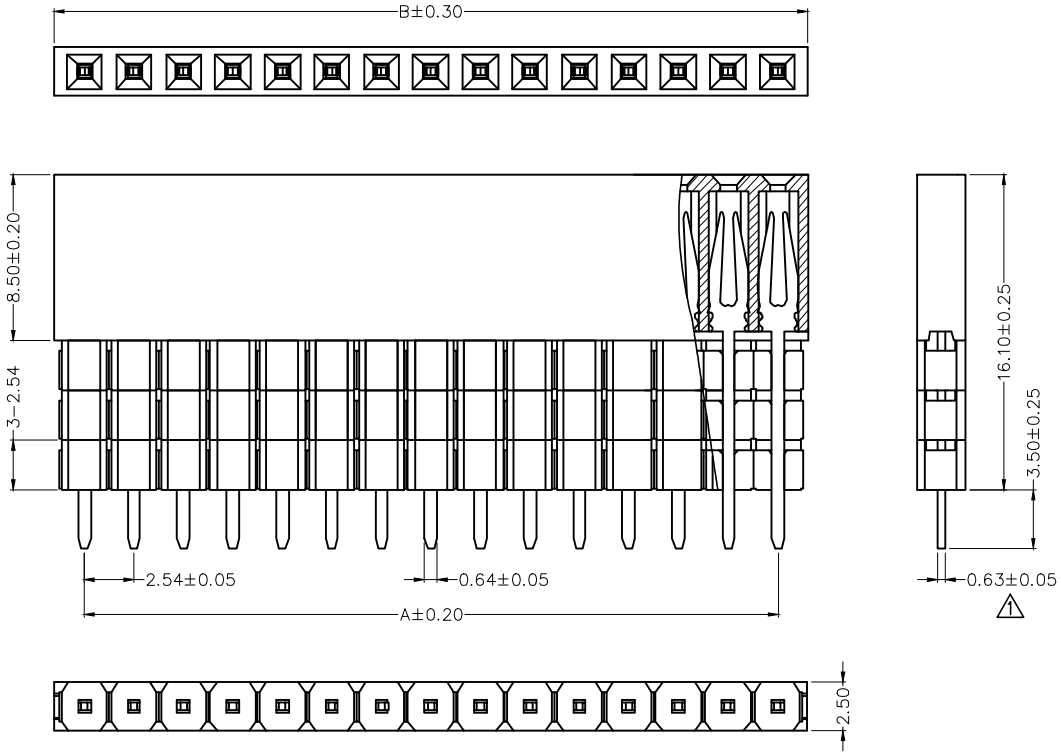
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	24/OCT/24	NICK	CHERRY

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~+105°C

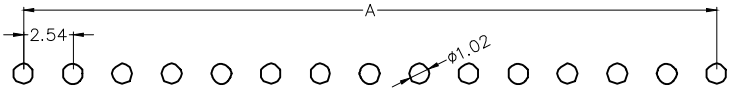
Material and Plating
 Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated



Ordering Information

FFH 254 61 - S XX S 1 XX X BK 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. 61	4	Row Option S—Single row	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 1—Gold plated	8	Thickness of Plating 00—Gold Flash 01—0.025μm Custom plate available	9	Material—Resin 1—PBT 4—PA6T	10	Color—Resin BK—Black	11	Packaging K—Tray		



Recommended P.C.Board Layout
 General tolerances: ± 0.05

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/OCT/20	PART NO. FFH25461-SXXS1XXXBKK	ITEM NO. FFH25461	<p>Leader Of Industry</p>
	X. ± 0.30	X.' $\pm 5'$	CHECKED BY CHERRY	DATE 26/OCT/20	TITLE Board to Board(Female Header) Pitch 2.54mm 180° Vertical(DIP)		
DESIGN UNITS Metric	X.X ± 0.20	X.X' $\pm 2'$	DRAWN BY KATE	DATE 26/OCT/20	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 ± 0.15	X.XX' $\pm 1'$				
		X.XXX ± 0.10	X.XXX' $\pm 0.5'$				

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(mm)		Circuits (n)	Part No.	Dimensions(mm)	
		A	B			A	B
2	FFH25461-S02S1XXXBKK	2.54	5.68	22	FFH25461-S22S1XXXBKK	53.34	56.48
3	FFH25461-S03S1XXXBKK	5.08	8.22	23	FFH25461-S23S1XXXBKK	55.88	59.02
4	FFH25461-S04S1XXXBKK	7.62	10.76	24	FFH25461-S24S1XXXBKK	58.42	61.56
5	FFH25461-S05S1XXXBKK	10.16	13.30	25	FFH25461-S25S1XXXBKK	60.96	64.10
6	FFH25461-S06S1XXXBKK	12.70	15.84	26	FFH25461-S26S1XXXBKK	63.50	66.64
7	FFH25461-S07S1XXXBKK	15.24	18.38	27	FFH25461-S27S1XXXBKK	66.04	69.18
8	FFH25461-S08S1XXXBKK	17.78	20.92	28	FFH25461-S28S1XXXBKK	68.58	71.72
9	FFH25461-S09S1XXXBKK	20.32	23.46	29	FFH25461-S29S1XXXBKK	71.12	74.26
10	FFH25461-S10S1XXXBKK	22.86	26.00	30	FFH25461-S30S1XXXBKK	73.66	76.80
11	FFH25461-S11S1XXXBKK	25.40	28.54	31	FFH25461-S31S1XXXBKK	76.20	79.34
12	FFH25461-S12S1XXXBKK	27.94	31.08	32	FFH25461-S32S1XXXBKK	78.74	81.88
13	FFH25461-S13S1XXXBKK	30.48	33.62	33	FFH25461-S33S1XXXBKK	81.28	84.42
14	FFH25461-S14S1XXXBKK	33.02	36.16	34	FFH25461-S34S1XXXBKK	83.82	86.96
15	FFH25461-S15S1XXXBKK	35.56	38.70	35	FFH25461-S35S1XXXBKK	86.36	89.50
16	FFH25461-S16S1XXXBKK	38.10	41.24	36	FFH25461-S36S1XXXBKK	88.90	92.04
17	FFH25461-S17S1XXXBKK	40.64	43.78	37	FFH25461-S37S1XXXBKK	91.44	94.58
18	FFH25461-S18S1XXXBKK	43.18	46.32	38	FFH25461-S38S1XXXBKK	93.98	97.12
19	FFH25461-S19S1XXXBKK	45.72	48.86	39	FFH25461-S39S1XXXBKK	96.52	99.66
20	FFH25461-S20S1XXXBKK	48.26	51.40	40	FFH25461-S40S1XXXBKK	99.06	102.20
21	FFH25461-S21S1XXXBKK	50.80	53.94				

A

B

C

D

E

F

A



B

C

D

E

F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/OCT/20	PART NO. FFH25461-SXXS1XXXBKK	ITEM NO. FFH25461	 Leader Of Industry
	X. ±0.30	X.' ±5'	CHECKED BY CHERRY	DATE 26/OCT/20	TITLE Board to Board(Female Header) Pitch 2.54mm 180' Vertical(DIP)	REV 1	
DESIGN UNITS Metric	X.XX ±0.20	X.X' ±2'	DRAWN BY KATE	DATE 26/OCT/20	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 ±0.10	X.XXX' ±0.5'				

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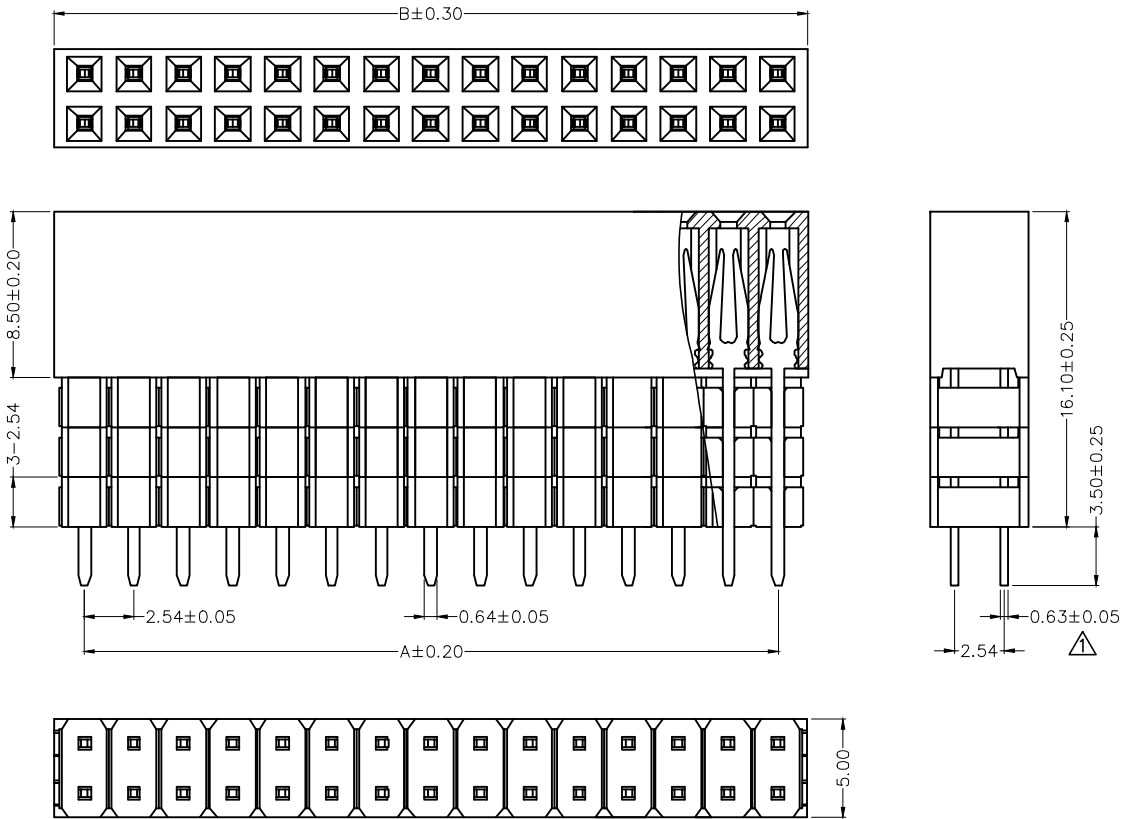
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1	▲	Size changes	24/OCT/24	NICK	CHERRY

SPECIFICATIONS

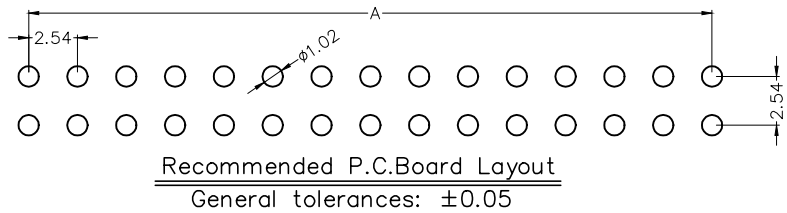
Electrical
 Current Rating: 3A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range—Operating: -40°C~+105°C

Material and Plating
 Housing: Glass Filled Polyester (UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated



Ordering Information

FFH 254 61 - D XX S 1 XX X BK 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. 61	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold plated	8 Thickness of Plating 00—Gold Flash 01—0.025μm Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 Color—Resin BK—Black	11 Packaging K—Tray	



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/DEC/21	PART NO. FFH25461-DXXS1XXXBKK	ITEM NO. FFH25461	<p>Leader Of Industry</p>
	X. ±0.30	X.' ±5'	CHECKED BY CHERRY	DATE 28/DEC/21	TITLE Board to Board(Female Header) Pitch 2.54mm 180° Vertical(DIP)		
DESIGN UNITS Metric	X.X ±0.20	X.X' ±2'	DRAWN BY MATT	DATE 28/DEC/21	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 ±0.15	X.XX' ±1'				
		X.XXX ±0.10	X.XXX' ±0.5'				

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		A	B			A	B
4	FFH25461-D04S1XXXBKK	2.54	5.68	44	FFH25461-D44S1XXXBKK	53.34	56.48
6	FFH25461-D06S1XXXBKK	5.08	8.22	46	FFH25461-D46S1XXXBKK	55.88	59.02
8	FFH25461-D08S1XXXBKK	7.62	10.76	48	FFH25461-D48S1XXXBKK	58.42	61.56
10	FFH25461-D10S1XXXBKK	10.16	13.30	50	FFH25461-D50S1XXXBKK	60.96	64.10
12	FFH25461-D12S1XXXBKK	12.70	15.84	52	FFH25461-D52S1XXXBKK	63.50	66.64
14	FFH25461-D14S1XXXBKK	15.24	18.38	54	FFH25461-D54S1XXXBKK	66.04	69.18
16	FFH25461-D16S1XXXBKK	17.78	20.92	56	FFH25461-D56S1XXXBKK	68.58	71.72
18	FFH25461-D18S1XXXBKK	20.32	23.46	58	FFH25461-D58S1XXXBKK	71.12	74.26
20	FFH25461-D20S1XXXBKK	22.86	26.00	60	FFH25461-D60S1XXXBKK	73.66	76.80
22	FFH25461-D22S1XXXBKK	25.40	28.54	62	FFH25461-D62S1XXXBKK	76.20	79.34
24	FFH25461-D24S1XXXBKK	27.94	31.08	64	FFH25461-D64S1XXXBKK	78.74	81.88
26	FFH25461-D26S1XXXBKK	30.48	33.62	66	FFH25461-D66S1XXXBKK	81.28	84.42
28	FFH25461-D28S1XXXBKK	33.02	36.16	68	FFH25461-D68S1XXXBKK	83.82	86.96
30	FFH25461-D30S1XXXBKK	35.56	38.70	70	FFH25461-D70S1XXXBKK	86.36	89.50
32	FFH25461-D32S1XXXBKK	38.10	41.24	72	FFH25461-D72S1XXXBKK	88.90	92.04
34	FFH25461-D34S1XXXBKK	40.64	43.78	74	FFH25461-D74S1XXXBKK	91.44	94.58
36	FFH25461-D36S1XXXBKK	43.18	46.32	76	FFH25461-D76S1XXXBKK	93.98	97.12
38	FFH25461-D38S1XXXBKK	45.72	48.86	78	FFH25461-D78S1XXXBKK	96.52	99.66
40	FFH25461-D40S1XXXBKK	48.26	51.40	80	FFH25461-D80S1XXXBKK	99.06	102.20
42	FFH25461-D42S1XXXBKK	50.80	53.94				

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