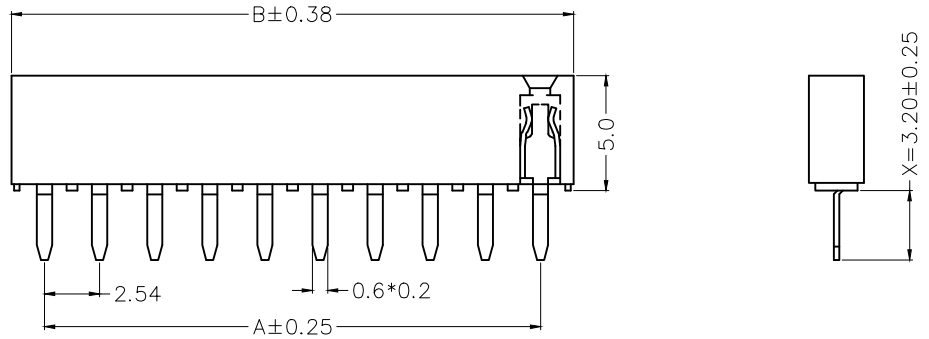
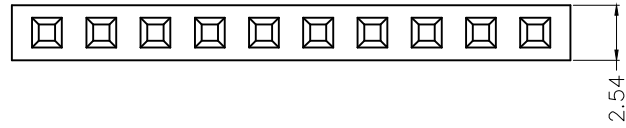


1 2 3 4 5 6 7 8

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 ~ +85°C
 Material and Plating
 Housing: PBT/PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated

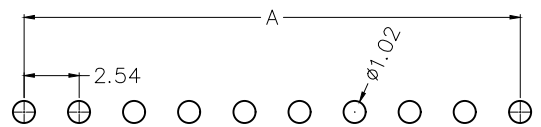


Ordering Information

FFH 254 10 - S XX S 1 XX X K6 X A
 1 2 3 4 5 6 7 8 9 10 11 11

1 Category FFH-Female Header	2 Series Number 254-Pitch2.54mm	3 Distinction No. 10	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 01-1μ" 03-3μ"	9 Material-Resin 1-PBT 4-PA6T	10 Color-Resin K6-Black	11 Packaging K-Tray L-Tube	12 Type A-X=3.2

Custom plate available





Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION DESIGN UNITS Metric(mm) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/MAR/24	PART NO. FFH25410-SXXS1XXXK6XA	ITEM NO. FFH25410	 Building Technology Cornerstone
	X.±.012(0.30)	X.±5'	CHECKED BY GISELLE	DATE 20/MAR/24	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)	REV 0	
	X.X±.008(0.20)	.X'±2'	DRAWN BY MATT	DATE 20/MAR/24	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'					
	X.XXX±.004(0.10)	.XXX'±0.5'					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Simensions(mm)		Circuits (n)	Part No.	Simensions(mm)	
		A	B			A	B
2	FFH25410-S02S1XXK6XA	2.54	5.58	22	FFH25410-S22S1XXK6XA	53.34	56.38
3	FFH25410-S03S1XXK6XA	5.08	8.12	23	FFH25410-S23S1XXK6XA	55.88	58.92
4	FFH25410-S04S1XXK6XA	7.62	10.66	24	FFH25410-S24S1XXK6XA	58.42	61.46
5	FFH25410-S05S1XXK6XA	10.16	13.20	25	FFH25410-S25S1XXK6XA	60.96	64.00
6	FFH25410-S06S1XXK6XA	12.70	15.74	26	FFH25410-S26S1XXK6XA	63.50	66.54
7	FFH25410-S07S1XXK6XA	15.24	18.28	27	FFH25410-S27S1XXK6XA	66.04	69.08
8	FFH25410-S08S1XXK6XA	17.78	20.82	28	FFH25410-S28S1XXK6XA	68.58	71.62
9	FFH25410-S09S1XXK6XA	20.32	23.36	29	FFH25410-S29S1XXK6XA	71.12	74.16
10	FFH25410-S10S1XXK6XA	22.86	25.90	30	FFH25410-S30S1XXK6XA	73.66	76.70
11	FFH25410-S11S1XXK6XA	25.40	28.44	31	FFH25410-S31S1XXK6XA	76.20	79.24
12	FFH25410-S12S1XXK6XA	27.94	30.98	32	FFH25410-S32S1XXK6XA	78.74	81.78
13	FFH25410-S13S1XXK6XA	30.48	33.52	33	FFH25410-S33S1XXK6XA	81.28	84.32
14	FFH25410-S14S1XXK6XA	33.02	36.06	34	FFH25410-S34S1XXK6XA	83.82	86.86
15	FFH25410-S15S1XXK6XA	35.56	38.60	35	FFH25410-S35S1XXK6XA	86.36	89.40
16	FFH25410-S16S1XXK6XA	38.10	41.14	36	FFH25410-S36S1XXK6XA	88.90	91.94
17	FFH25410-S17S1XXK6XA	40.64	43.68	37	FFH25410-S37S1XXK6XA	91.44	94.48
18	FFH25410-S18S1XXK6XA	43.18	46.22	38	FFH25410-S38S1XXK6XA	93.98	97.02
19	FFH25410-S19S1XXK6XA	45.72	48.76	39	FFH25410-S39S1XXK6XA	96.52	99.56
20	FFH25410-S20S1XXK6XA	48.26	51.30	40	FFH25410-S40S1XXK6XA	99.06	102.10
21	FFH25410-S21S1XXK6XA	50.80	53.84				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/MAR/24	PART NO. FFH25410-SXXS1XXK6XA	ITEM NO. FFH25410	 Building Technology Cornerstone	
	DESIGN UNITS Metric(mm)	X.±.012(0.30)	X.±5'	CHECKED BY GISELLE	DATE 20/MAR/24	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		
		X.X±.008(0.20)	.X'±2'	DRAWN BY MATT	DATE 20/MAR/24	REV 0		SHEET NO. 1/1
		X.XX±.006(0.15)	.XX'±1'		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'					

1 2 3 4 5 6 7 8

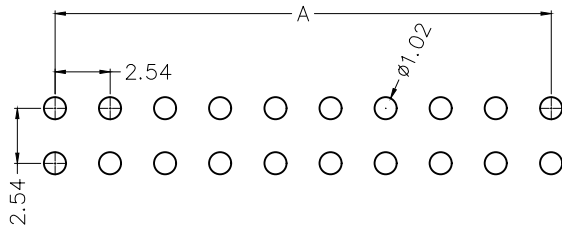
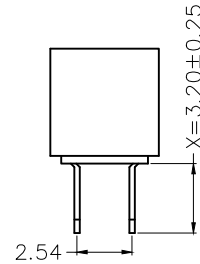
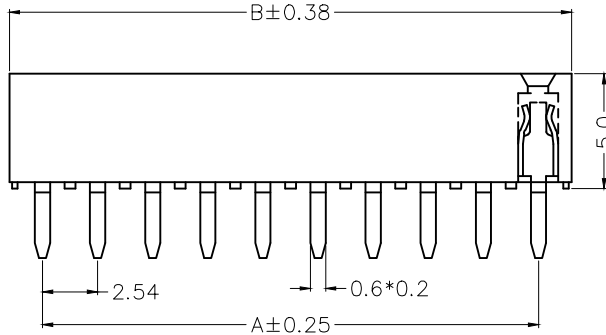
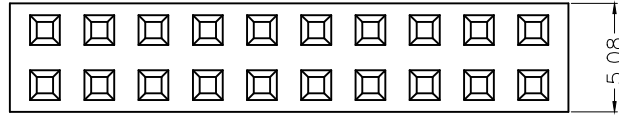
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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 ~ +85°C

Material and Plating

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



Recommended P.C.Board Layout

Ordering Information

FFH 254 10 - D XX S 1 XX X K6 X A
 1 2 3 4 5 6 7 8 9 10 11 11

1 Category FFH-Female Header	2 Series Number 254-Pitch2.54mm	3 Distinction No. 10	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 01-1μ" 03-3μ"	9 Material-Resin 1-PBT 4-PA6T	10 Color-Resin K6-Black	11 Packaging K-Tray L-Tube	12 Type A-X=3.2

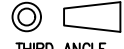

Custom plate available

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/MAR/24	PART NO. FFH25410-DXXS1XXXK6XA	ITEM NO. FFH25410	 Building Technology Cornerstone
	DESIGN UNITS Metric(mm)	X.±0.12(0.30)	X.±5'	CHECKED BY GISELLE	DATE 20/MAR/24	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY MATT	DATE 20/MAR/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Simensions(mm)		Circuits (n)	Part No.	Simensions(mm)	
		A	B			A	B
4	FFH25410-D04S1XXXK6XA	2.54	5.58	44	FFH25410-D44S1XXXK6XA	53.34	56.38
6	FFH25410-D06S1XXXK6XA	5.08	8.12	46	FFH25410-D46S1XXXK6XA	55.88	58.92
8	FFH25410-D08S1XXXK6XA	7.62	10.66	48	FFH25410-D48S1XXXK6XA	58.42	61.46
10	FFH25410-D10S1XXXK6XA	10.16	13.20	50	FFH25410-D50S1XXXK6XA	60.96	64.00
12	FFH25410-D12S1XXXK6XA	12.70	15.74	52	FFH25410-D52S1XXXK6XA	63.50	66.54
14	FFH25410-D14S1XXXK6XA	15.24	18.28	54	FFH25410-D54S1XXXK6XA	66.04	69.08
16	FFH25410-D16S1XXXK6XA	17.78	20.82	56	FFH25410-D56S1XXXK6XA	68.58	71.62
18	FFH25410-D18S1XXXK6XA	20.32	23.36	58	FFH25410-D58S1XXXK6XA	71.12	74.16
20	FFH25410-D20S1XXXK6XA	22.86	25.90	60	FFH25410-D60S1XXXK6XA	73.66	76.70
22	FFH25410-D22S1XXXK6XA	25.40	28.44	62	FFH25410-D62S1XXXK6XA	76.20	79.24
24	FFH25410-D24S1XXXK6XA	27.94	30.98	64	FFH25410-D64S1XXXK6XA	78.74	81.78
26	FFH25410-D26S1XXXK6XA	30.48	33.52	66	FFH25410-D66S1XXXK6XA	81.28	84.32
28	FFH25410-D28S1XXXK6XA	33.02	36.06	68	FFH25410-D68S1XXXK6XA	83.82	86.86
30	FFH25410-D30S1XXXK6XA	35.56	38.60	70	FFH25410-D70S1XXXK6XA	86.36	89.40
32	FFH25410-D32S1XXXK6XA	38.10	41.14	72	FFH25410-D72S1XXXK6XA	88.90	91.94
34	FFH25410-D34S1XXXK6XA	40.64	43.68	74	FFH25410-D74S1XXXK6XA	91.44	94.48
36	FFH25410-D36S1XXXK6XA	43.18	46.22	76	FFH25410-D76S1XXXK6XA	93.98	97.02
38	FFH25410-D38S1XXXK6XA	45.72	48.76	78	FFH25410-D78S1XXXK6XA	96.52	99.56
40	FFH25410-D40S1XXXK6XA	48.26	51.30	80	FFH25410-D80S1XXXK6XA	99.06	102.10
42	FFH25410-D42S1XXXK6XA	50.80	53.84				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/MAR/24	PART NO. FFH25410-DXXS1XXXK6XA	ITEM NO. FFH25410	 Building Technology Cornerstone	
	X.±.012(0.30)	X.±5'	CHECKED BY GISELLE	DATE 20/MAR/24	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			REV 0
	DESIGN UNITS Metric(mm)	X.X±.008(0.20)	.X'±2'	DRAWN BY MATT	DATE 20/MAR/24	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'				