

A

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A

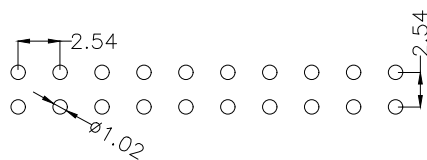
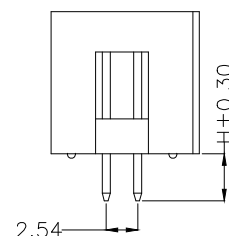
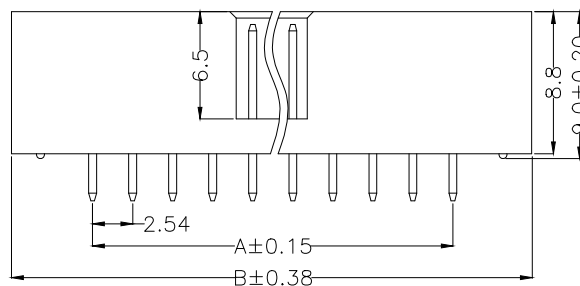
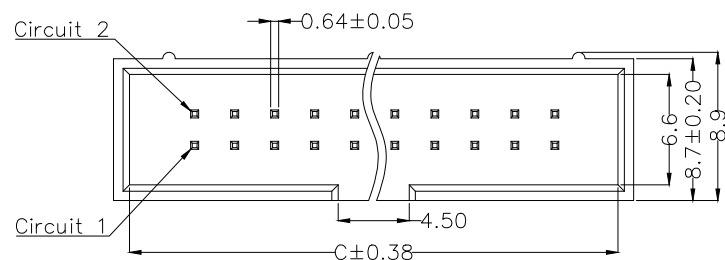
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Recommended P.C.Board Layout

Electrical

Current Rating: 3.0A 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: Polyester (UL94V-0)

Contact Pin: Brass

Plating: Gold Plated/Selective gold in contact area,
tin on tail

Ordering Information

FBH 254 01 — D XX S X XX X XX K A
1 2 3 4 5 6 7 8 9 10 11 12

1	Category FBH—Box Header	2	Series Number 254—Pitch 2.54mm	3	Distinction No. 01	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 1—Gold Plated 3—Selective gold in contact area, tin on tail	8	Thickness of Plating 00—Gold Flash 01—0.025μm 05—0.125μm Custom plate available	9	Material—Resin 1—PBT 3—LCP 4—PA9T	10	Color—Resin K6—Black W1—White	11	Packaging K—Tray	12	"H" Type A=H=4.0

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 18/NOV/23	PART NO. FBH25401-DXXSXXXXXXKA	ITEM NO. FBH25401	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(DIP)			
DESIGN UNITS METRIC		X.X ±0.20	X.X* ±2°	GISELLE	18/NOV/23				
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY NICK	DATE 18/NOV/23	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 ±0.10	X.XXX* ±0.5°						

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(mm)		
		A	B	C
6	FBH25401-D06SXXXXXXKA	5.08	15.27	13.22
8	FBH25401-D08SXXXXXXKA	7.62	17.81	15.76
10	FBH25401-D10SXXXXXXKA	10.16	20.35	18.30
12	FBH25401-D12SXXXXXXKA	12.70	22.89	20.84
14	FBH25401-D14SXXXXXXKA	15.24	25.43	23.38
16	FBH25401-D16SXXXXXXKA	17.78	27.97	25.92
18	FBH25401-D18SXXXXXXKA	20.32	30.51	28.46
20	FBH25401-D20SXXXXXXKA	22.86	33.05	31.00
24	FBH25401-D24SXXXXXXKA	27.94	38.13	36.08
26	FBH25401-D26SXXXXXXKA	30.48	40.67	38.62
28	FBH25401-D28SXXXXXXKA	33.02	43.21	41.16
30	FBH25401-D30SXXXXXXKA	35.56	45.75	43.70
32	FBH25401-D32SXXXXXXKA	38.10	48.29	46.24
34	FBH25401-D34SXXXXXXKA	40.64	50.83	48.78
36	FBH25401-D36SXXXXXXKA	43.18	53.37	51.32
40	FBH25401-D40SXXXXXXKA	48.26	58.45	56.40
44	FBH25401-D44SXXXXXXKA	53.34	63.53	61.48
50	FBH25401-D50SXXXXXXKA	60.96	71.15	69.10
60	FBH25401-D60SXXXXXXKA	73.66	83.85	81.80
64	FBH25401-D64SXXXXXXKA	78.74	88.93	86.88

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 18/NOV/23	PART NO. FBH25401-DXXSXXXXXXKA	ITEM NO. FBH25401	 Building Technology Cornerstone		
		X. ±0.30	X.* ±5*	CHECKED BY	DATE	TITLE				
DESIGN UNITS METRIC		X.X ±0.20	X.X* ±2*	GISELLE	18/NOV/23	Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(DIP)		REV 0		SHEET NO. 2/2
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1*	DRAWN BY NICK	DATE 18/NOV/23	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 ±0.10	X.XXX* ±0.5*							

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