

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	26/SEP/23	MATT	LEO
2	△	Size changes	29/OCT/24	NICK	LEO

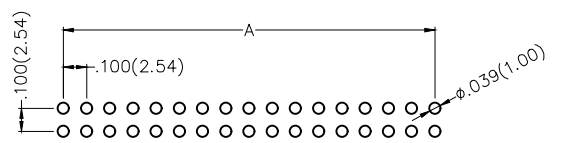
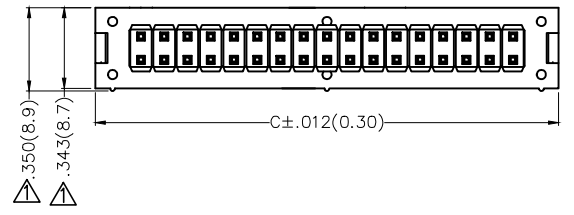
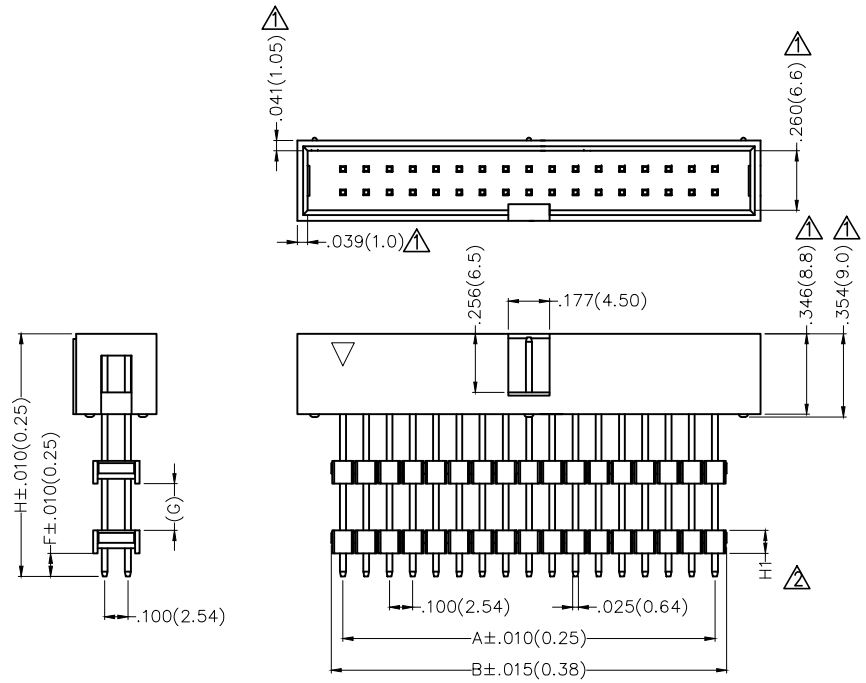
SPECIFICATIONS

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 23 — D XX S 1 XX X K6 B XX
 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. 23	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 05—3μ" Custom plate available	9	Material—Resin 1—PBT 5—PA9T	10	Color—Resin K6—Black	11	Packaging B—PE Bag	12	Length(H/F) 01,02... - Part number ...E/F/: Custom Length Available (See Table)

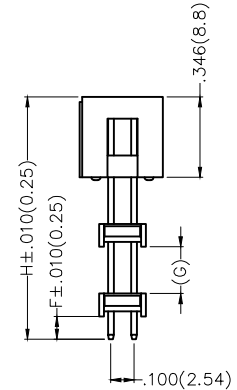
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/JUL/16	PART NO. FBH25423-DXXS1XXXK6BXX	ITEM NO. FBH25423	 Building Technology Cornerstone
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X'±2° .XX'±1° .XXX'±0.5°	CHECKED BY KATE	DATE 12/JUL/16	TITLE Wire to Board(Box Header) Pitch 2.54mm 180° Vertical(DIP)	
SCALE 5:1	SIZE A4	DRAWN BY CHERRY		DATE 12/JUL/16	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

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Table1

Serial number	Pin Length(in/mm)				Canceled No.	NOTE
	H	H1	F	(G)		
01	1.693(43.0)	.098(2.50)	.118(3.00)	.512(13.0)		
02	.665(16.9)	.098(2.50)	.118(3.00)	-		
03	1.236(31.4)	.098(2.50)	.138(3.50)	.276(7.0)		
04	.630(16.0)	.079(2.00)	.118(3.00)	-		
05	2.008(51.0)	.098(2.50)	.118(3.00)	-		



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/JUL/16	PART NO. FBH25423-DXXS1XXXK6BXX	ITEM NO. FBH25423	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	$X \pm .012 (0.30)$	$X \pm 5^\circ$	CHECKED BY KATE	DATE 12/JUL/16	TITLE Wire to Board(Box Header) Pitch 2.54mm 180° Vertical(DIP)		REV 2
SCALE 5:1	SIZE A4	$X.XX \pm .006 (0.15)$	$.XX \pm 1^\circ$	DRAWN BY CHERRY	DATE 12/JUL/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2/3

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

B



C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
6	FBH25423-D06S1XXXK6BXX	.200(5.08)	.300(7.62)	.601(15.27)
8	FBH25423-D08S1XXXK6BXX	.300(7.62)	.400(10.16)	.701(17.81)
10	FBH25423-D10S1XXXK6BXX	.400(10.16)	.500(12.70)	.801(20.35)
12	FBH25423-D12S1XXXK6BXX	.500(12.70)	.600(15.24)	.901(22.89)
14	FBH25423-D14S1XXXK6BXX	.600(15.24)	.700(17.78)	1.001(25.43)
16	FBH25423-D16S1XXXK6BXX	.700(17.78)	.800(20.32)	1.101(27.97)
18	FBH25423-D18S1XXXK6BXX	.800(20.32)	.900(22.86)	1.201(30.51)
20	FBH25423-D20S1XXXK6BXX	.900(22.86)	1.000(25.40)	1.301(33.05)
24	FBH25423-D24S1XXXK6BXX	1.100(27.94)	1.200(30.48)	1.501(38.13)
26	FBH25423-D26S1XXXK6BXX	1.200(30.48)	1.300(33.02)	1.601(40.67)
28	FBH25423-D28S1XXXK6BXX	1.300(33.02)	1.400(35.56)	1.701(43.21)
30	FBH25423-D30S1XXXK6BXX	1.400(35.56)	1.500(38.10)	1.801(45.75)
34	FBH25423-D34S1XXXK6BXX	1.600(40.64)	1.700(43.18)	2.001(50.83)
36	FBH25423-D36S1XXXK6BXX	1.700(43.18)	1.800(45.72)	2.101(53.37)
40	FBH25423-D40S1XXXK6BXX	1.900(48.26)	2.000(50.80)	2.301(58.45)
44	FBH25423-D44S1XXXK6BXX	2.100(53.34)	2.200(55.88)	2.501(63.53)
50	FBH25423-D50S1XXXK6BXX	2.400(60.96)	2.500(63.50)	2.801(71.15)
60	FBH25423-D60S1XXXK6BXX	2.900(73.66)	3.000(76.20)	3.301(83.85)
64	FBH25423-D64S1XXXK6BXX	3.100(78.74)	3.200(81.28)	3.501(88.93)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/JUL/16	PART NO. FBH25423-DXXS1XXXK6BXX	ITEM NO. FBH25423	 Building Technology Cornerstone	
	X.±.012(0.30)	X.±5'	CHECKED BY KATE	DATE 12/JUL/16	TITLE Wire to Board(Box Header) Pitch 2.54mm 180° Vertical(DIP)			REV 2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.±2'	DRAWN BY CHERRY	DATE 12/JUL/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 3/3
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)					

1 2 3 4 5 6 7 8