

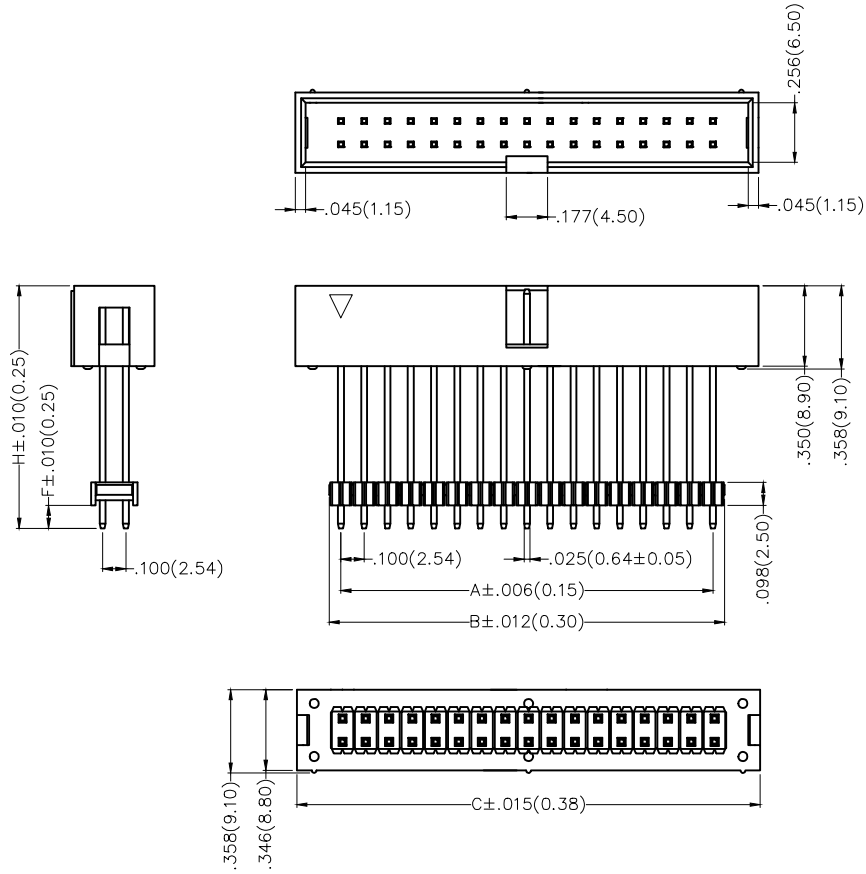
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

**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

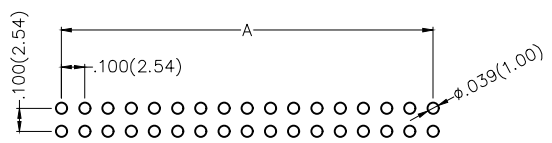
**Material and Plating**  
 Housing: Polyester (UL94V-0)  
 Contact Pin: Brass  
 Plating: Gold Plated/Selective gold in contact area, tin on tail



**Ordering Information**

FBH 254 19 — D XX S 1 XX X K6 B X  
 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. 19	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 05—5μ" Custom plate available	9	Material—Resin 4—PA9T 1—PBT	10	Color—Resin K6—Black	11	Packaging B—PE Bag	12	Size 01,02... —Serial number (See Table1) Custom Length Available



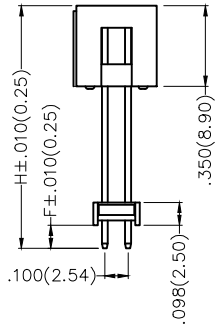
Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/JUL/16	PART NO. FBH25419-DXXS1XXXK6BXX	ITEM NO. FBH25419	<p>Leader Of Industry</p>
	X.±.012(0.30)	X.±5'	CHECKED BY KATE	DATE 12/JUL/16	TITLE Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(DIP)	REV 0	
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		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				
		X.XXX±.004(0.10)	.XXX±0.5'				

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Table1

Serial number	Dimensions(in/mm)		Canceled No.	Note
	H	F		
01	1.378(35.00)	.098(2.50)		
02	1.173(29.80)	.130(3.30)		
03	.551(14.00)	.098(2.50)		
04	1.693(43.00)	.118(3.00)		
05	.917(23.30)	.130(3.30)		
06	.703(17.85)	.146(3.70)		



	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/JUL/16	PART NO. FBH25419-DXXS1XXXK6BXX	ITEM NO. FBH25419	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY KATE	DATE 12/JUL/16	TITLE Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(DIP)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY CHERRY	DATE 12/JUL/16	REV 0	SHEET NO. 2/3
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

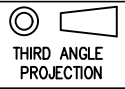

E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
6	FBH25419-D06S1XXXK6BXX	.200(5.08)	.300(7.62)	.601(15.27)
8	FBH25419-D08S1XXXK6BXX	.300(7.62)	.400(10.16)	.701(17.81)
10	FBH25419-D10S1XXXK6BXX	.400(10.16)	.500(12.70)	.801(20.35)
12	FBH25419-D12S1XXXK6BXX	.500(12.70)	.600(15.24)	.901(22.89)
14	FBH25419-D14S1XXXK6BXX	.600(15.24)	.700(17.78)	1.001(25.43)
16	FBH25419-D16S1XXXK6BXX	.700(17.78)	.800(20.32)	1.101(27.97)
18	FBH25419-D18S1XXXK6BXX	.800(20.32)	.900(22.86)	1.201(30.51)
20	FBH25419-D20S1XXXK6BXX	.900(22.86)	1.000(25.40)	1.301(33.05)
24	FBH25419-D24S1XXXK6BXX	1.100(27.94)	1.200(30.48)	1.501(38.13)
26	FBH25419-D26S1XXXK6BXX	1.200(30.48)	1.300(33.02)	1.601(40.67)
28	FBH25419-D28S1XXXK6BXX	1.300(33.02)	1.400(35.56)	1.701(43.21)
30	FBH25419-D30S1XXXK6BXX	1.400(35.56)	1.500(38.10)	1.801(45.75)
34	FBH25419-D34S1XXXK6BXX	1.600(40.64)	1.700(43.18)	2.001(50.83)
40	FBH25419-D40S1XXXK6BXX	1.900(48.26)	2.000(50.80)	2.301(58.45)
44	FBH25419-D44S1XXXK6BXX	2.100(53.34)	2.200(55.88)	2.501(63.53)
50	FBH25419-D50S1XXXK6BXX	2.400(60.96)	2.500(63.50)	2.801(71.15)
60	FBH25419-D60S1XXXK6BXX	2.900(73.66)	3.000(76.20)	3.301(83.85)
64	FBH25419-D64S1XXXK6BXX	3.100(78.74)	3.200(81.28)	3.501(88.93)

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	X.X±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 12/JUL/16	REV 0	SHEET NO. 3/3		
	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