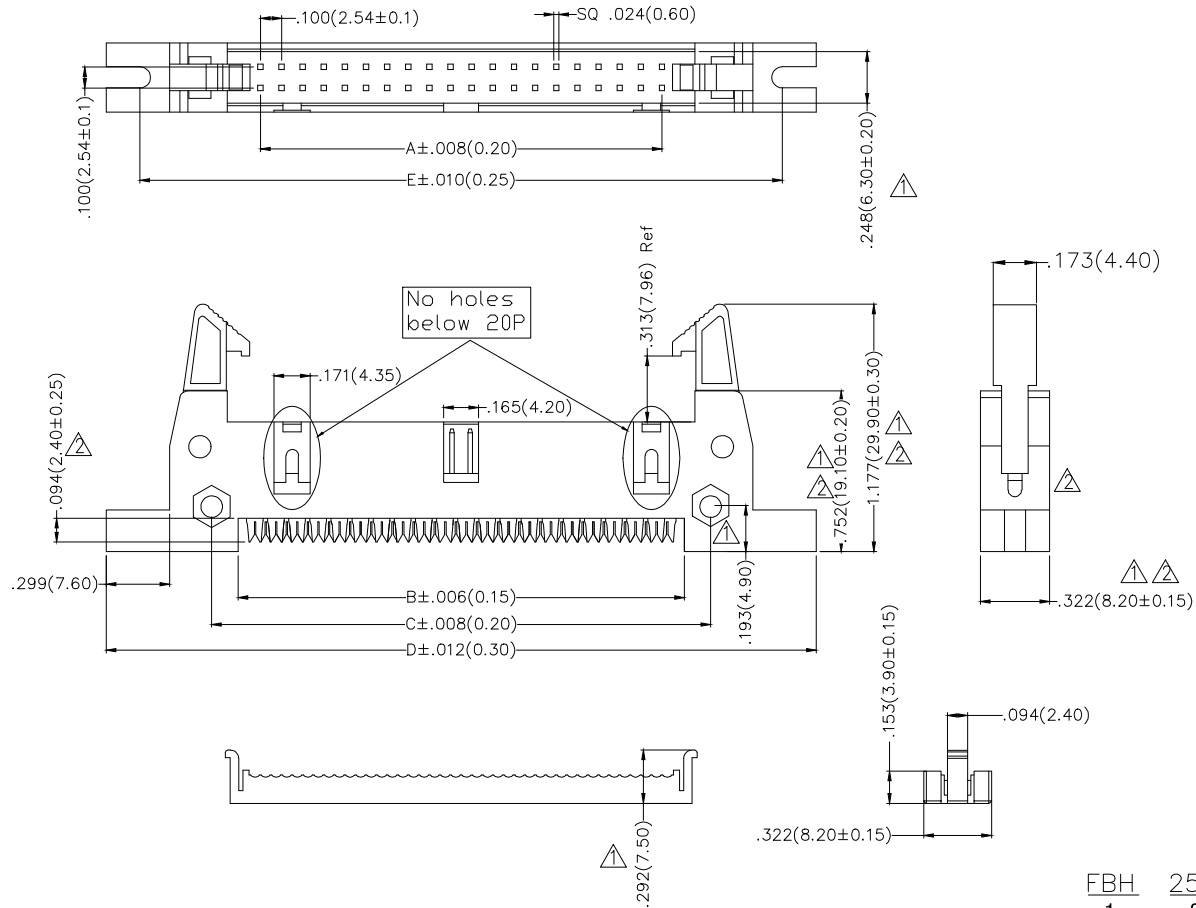


6		7	8		
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	17/JUN/22	MATT	CHERRY
2		Structural change /Size changes	24/Sep/26	NICK	LEO



SPECIFICATIONS

Electrical

Current Rating: 1.0A AC(rms)/DC

Voltage Rating: 250V AC(rms)/DC

Contact Resistance: 20 mΩ Max

Insulation Resistance: 1000 M Ω Min

Withstanding Voltage: 500V AC r.m.s

Temperature Range—Operating: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Material and Plating

Housing: PBT Glass fiber (UL94 V-0)

Pin: Brass/ Selective gold in contact area, tin on tail

Ordering Information

$$\frac{\text{FBH}}{1} \quad \frac{254}{2} \quad \frac{21}{3} - \frac{\text{D}}{4} \quad \frac{\text{XX}}{5} \quad \frac{\text{S}}{6} \quad \frac{\text{X}}{7} \quad \frac{\text{XX}}{8} \quad \frac{1}{9} \quad \frac{\text{G1}}{10} \quad \frac{\text{K}}{11}$$

1	Category FBH-Box Header	2	Series Number 254-Pitch2.54mm	3	Distinction No. 21	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 03-3μ" Custom plate available	9	Material-Resin 1-PBT	10	Color-Resin G1-Gray	11	Packaging K-Tray

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/17	PART NO. FBH25421-DXXSXXX1G1K	ITEM NO. FBH25421	 Leader Of Industry	
		X±.012(0.30)	X*.5*	CHECKED BY	DATE	TITLE Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(IDC)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X*±2*	CHERRY	19/JUL/17			REV 2	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX*±1*	DRAWN BY	DATE	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±.004(0.10)	.XXX*±0.5*	KATE	19/JUL/17				

A

B

C

D

E

F

A

B

C

D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)				
		A	B	C	D	E
10	FBH25421-D10SXXX1G1K	.400(10.16)	.605(15.36)	.861(21.86)	1.857(47.16)	1.539(39.10)
14	FBH25421-D14SXXX1G1K	.600(15.24)	.805(20.44)	1.061(26.94)	2.057(52.24)	1.739(44.18)
16	FBH25421-D16SXXX1G1K	.700(17.78)	.905(22.98)	1.161(29.48)	2.157(54.78)	1.839(46.72)
20	FBH25421-D20SXXX1G1K	.900(22.86)	1.105(28.06)	1.361(34.56)	2.357(59.86)	2.039(51.80)
24	FBH25421-D24SXXX1G1K	1.100(27.94)	1.305(33.14)	1.561(39.64)	2.557(64.94)	2.239(56.88)
26	FBH25421-D26SXXX1G1K	1.200(30.48)	1.405(35.68)	1.661(42.18)	2.657(67.48)	2.339(59.42)
30	FBH25421-D30SXXX1G1K	1.400(35.56)	1.605(40.76)	1.861(47.26)	2.857(72.56)	2.539(64.50)
34	FBH25421-D34SXXX1G1K	1.600(40.64)	1.805(45.84)	2.061(52.34)	3.061(77.76)	2.739(69.58)
40	FBH25421-D40SXXX1G1K	1.900(48.26)	2.113(53.66)	2.361(59.96)	3.361(85.38)	3.039(77.20)
50	FBH25421-D50SXXX1G1K	2.400(60.96)	2.613(66.36)	2.861(72.66)	3.861(98.08)	3.539(89.90)
60	FBH25421-D60SXXX1G1K	2.900(73.66)	3.113(79.06)	3.361(85.36)	4.361(110.78)	4.039(102.60)
64	FBH25421-D64SXXX1G1K	3.100(78.74)	3.313(84.14)	3.561(90.44)	4.558(115.78)	4.239(107.68)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/17	PART NO. FBH25421-DXXSXXX1G1K	ITEM NO. FBH25421	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(IDC)			
		X.X±.008(0.20)	.X±2°	CHERRY	19/JUL/17			REV 2	SHEET NO. 2/2
		X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE	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°	KATE	19/JUL/17				