

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	01/JUL/20	KATE	FRANK

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 plated on contact area
and 120μ" Min. matte tin plated on tails are

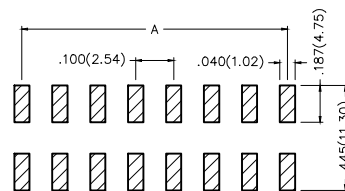
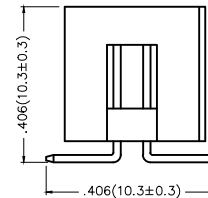
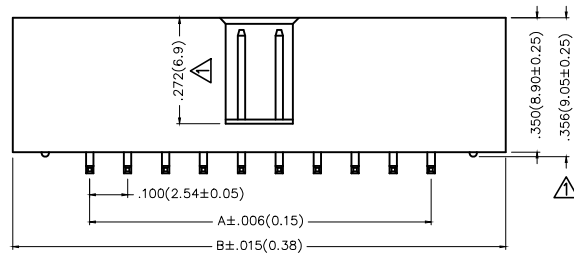
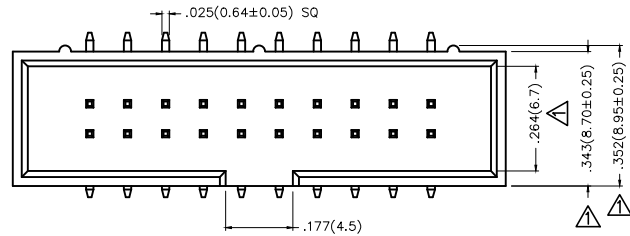
Ordering Information

<u>FBH</u>	<u>254</u>	<u>03</u>	<u>—</u>	<u>D</u>	<u>XX</u>	<u>S</u>	<u>X</u>	<u>XX</u>	<u>4</u>	<u>K6</u>	<u>X</u>
1	2	3	4	5	6	7	8	9	10	11	

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits	6	Entry Angle
	FBH—Box Header		254—Pitch2.54mm		03		D—Double Row		XX		S—180° Vertical
7	Plating	8	Thickness of Plating	9	Material—Resin	10	Color—Resin	11	Packaging		
	1—Gold plated 7—Selective gold plated on contact area and matte tin plated on tails area		00—Gold Flash 05—5μ" Custom plate available		4—PA9T		K6—Black		K—Tray M—Reel		

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
6	FBH25403-D06SXXX4K6X	.200(5.08)	.601(15.27)	26	FBH25403-D26SXXX4K6X	1.200(30.48)	1.601(40.67)
8	FBH25403-D08SXXX4K6X	.300(7.62)	.701(17.81)	30	FBH25403-D30SXXX4K6X	1.400(35.56)	1.801(45.75)
10	FBH25403-D10SXXX4K6X	.400(10.16)	.801(20.35)	32	FBH25403-D32SXXX4K6X	1.500(38.10)	1.901(48.29)
12	FBH25403-D12SXXX4K6X	.500(12.70)	.901(22.89)	34	FBH25403-D34SXXX4K6X	1.600(40.64)	2.001(50.83)
14	FBH25403-D14SXXX4K6X	.600(15.24)	1.001(25.43)	40	FBH25403-D40SXXX4K6X	1.900(48.26)	2.301(58.45)
16	FBH25403-D16SXXX4K6X	.700(17.78)	1.101(27.97)	50	FBH25403-D50SXXX4K6X	2.400(60.96)	2.801(71.15)
20	FBH25403-D20SXXX4K6X	.900(22.86)	1.301(33.05)	60	FBH25403-D60SXXX4K6X	2.900(73.66)	3.301(83.85)
24	FBH25403-D24SXXX4K6X	1.100(27.94)	1.501(38.13)	64	FBH25403-D64SXXX4K6X	3.100(78.74)	3.501(88.93)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/13	PART NO. FBH25403-DXXSXXX4K6X	ITEM NO. FBH25403	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 19/JUL/13	TITLE Wire to Board(Box Header) Pitch 2.54mm Vertical 180°(SMT)			
		X.X±.008(0.20)	X".±2"	DRAWN BY JACOB	DATE 19/JUL/13	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"						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'						



Recommended P.C.Board Layout