

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Dimension: Change 5.40 into 5.25mm	31/JUL/17	KATE	FRANK
2		Size changes	23/JUL/21	KATE	CHERRY

Electrical

Current Rating: 3A 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

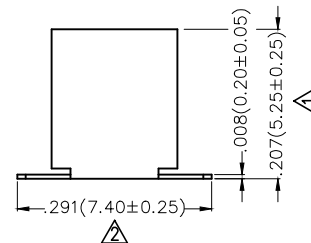
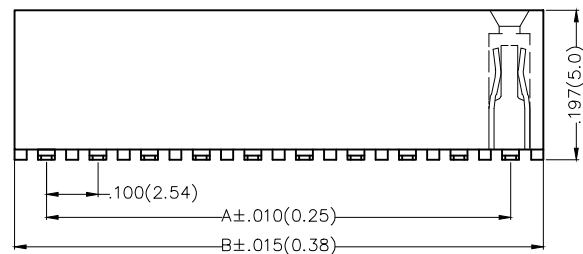
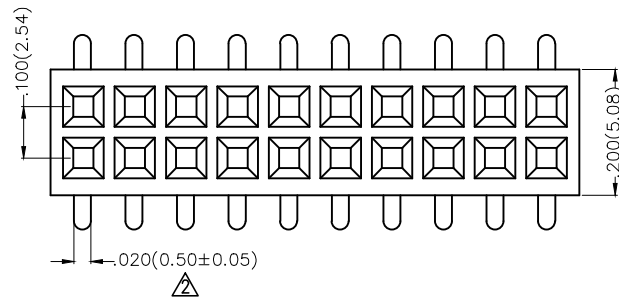
Temperature Range—Operating: -40°C~+85°C

Material and Plating

Housing: PA6T(UL 94V-0)

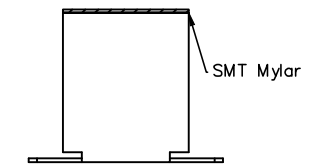
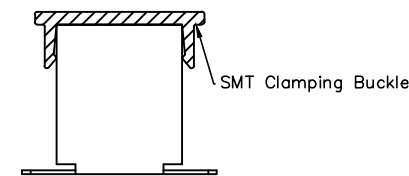
Contact Pin: Brass

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



Packing: M—Reel(With Cap)

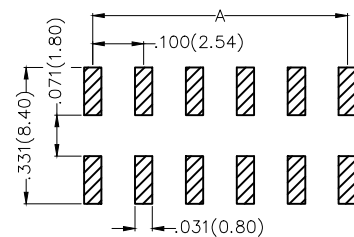
Packing: M1—Reel(With Mylar)



Ordering Information

FFH 254 25 — D XX S X XX 4 K6 XX
1 2 3 4 5 6 7 8 9 10 11

1	Category FFH—Female Header	2	Series Number 254—Pitch2.54mm	3	Distinction No. 25	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle S—Vertical
7	Plating 1—Gold Plated 3—Selective gold on contact area, matte tin on tail	8	Thickness of Plating 00—Gold Flash 01—1μ" 05—5μ" Custom plate available	9	Material—Resin 4—PA6T	10	Color—Resin K6—Black	11	Packaging M—Reel(With Cap) M1—Reel(With Mylar)		



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25425-XXXXXXX4K6XX	ITEM NO. FFH25425	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)		REV 2	SHEET NO. 1/2
		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"	JACOB	12/AUG/13				

A						REV		LOCATIONS		DESCRIPTION		DATE	REVISED	APPD
B														
C														
D														
E														
F														

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
4	FFH25425-D04SXXX4K6XX	.100(2.54)	.220(5.58)
6	FFH25425-D06SXXX4K6XX	.200(5.08)	.320(8.12)
8	FFH25425-D08SXXX4K6XX	.300(7.62)	.420(10.66)
10	FFH25425-D10SXXX4K6XX	.400(10.16)	.520(13.20)
12	FFH25425-D12SXXX4K6XX	.500(12.70)	.620(15.74)
14	FFH25425-D14SXXX4K6XX	.600(15.24)	.720(18.28)
16	FFH25425-D16SXXX4K6XX	.700(17.78)	.820(20.82)
18	FFH25425-D18SXXX4K6XX	.800(20.32)	.920(23.36)
20	FFH25425-D20SXXX4K6XX	.900(22.86)	1.020(25.90)
22	FFH25425-D22SXXX4K6XX	1.000(25.40)	1.120(28.44)
24	FFH25425-D24SXXX4K6XX	1.100(27.94)	1.220(30.98)
26	FFH25425-D26SXXX4K6XX	1.200(30.48)	1.320(33.52)
28	FFH25425-D28SXXX4K6XX	1.300(33.02)	1.420(36.06)
30	FFH25425-D30SXXX4K6XX	1.400(35.56)	1.520(38.60)
32	FFH25425-D32SXXX4K6XX	1.500(38.10)	1.620(41.14)
34	FFH25425-D34SXXX4K6XX	1.600(40.64)	1.720(43.68)
36	FFH25425-D36SXXX4K6XX	1.700(43.18)	1.820(46.22)
38	FFH25425-D38SXXX4K6XX	1.800(45.72)	1.920(48.76)
40	FFH25425-D40SXXX4K6XX	1.900(48.26)	2.020(51.30)
42	FFH25425-D42SXXX4K6XX	2.000(50.80)	2.120(53.84)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
44	FFH25425-D44SXXX4K6XX	2.100(53.34)	2.220(56.38)
46	FFH25425-D46SXXX4K6XX	2.200(55.88)	2.320(58.92)
48	FFH25425-D48SXXX4K6XX	2.300(58.42)	2.420(61.46)
50	FFH25425-D50SXXX4K6XX	2.400(60.96)	2.520(64.00)
52	FFH25425-D52SXXX4K6XX	2.500(63.50)	2.620(66.54)
54	FFH25425-D54SXXX4K6XX	2.600(66.04)	2.720(69.08)
56	FFH25425-D56SXXX4K6XX	2.700(68.58)	2.820(71.62)
58	FFH25425-D58SXXX4K6XX	2.800(71.12)	2.920(74.16)
60	FFH25425-D60SXXX4K6XX	2.900(73.66)	3.020(76.70)
62	FFH25425-D62SXXX4K6XX	3.000(76.20)	3.120(79.24)
64	FFH25425-D64SXXX4K6XX	3.100(78.74)	3.220(81.78)
66	FFH25425-D66SXXX4K6XX	3.200(81.28)	3.320(84.32)
68	FFH25425-D68SXXX4K6XX	3.300(83.82)	3.420(86.86)
70	FFH25425-D70SXXX4K6XX	3.400(86.36)	3.520(89.40)
72	FFH25425-D72SXXX4K6XX	3.500(88.90)	3.620(91.94)
74	FFH25425-D74SXXX4K6XX	3.600(91.44)	3.720(94.48)
76	FFH25425-D76SXXX4K6XX	3.700(93.98)	3.820(97.02)
78	FFH25425-D78SXXX4K6XX	3.800(96.52)	3.920(99.56)
80	FFH25425-D80SXXX4K6XX	3.900(99.06)	4.020(102.10)

THIRD ANGLE
PROJECTION

DESIGN UNITS
Inch (metric)

SCALE
5:1

SIZE
A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.±.012(0.30)	X'.±5"
X.X±.008(0.20)	.X'±2"
X.XX±.006(0.15)	.XX'±1"
X.XXX±.004(0.10)	.XXX'±0.5"

APPROVE BY
FRANK

CHECKED BY
CHERRY

DRAWN BY
JACOB

DATE
12/AUG/13

DATE
12/AUG/13

DATE
12/AUG/13

PART NO.
FFH25425-XXSX4K6XX

TITLE
Board to Board (Female Header)
Pitch 2.54mm 180° Vertical (SMT)

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ITEM NO.
FFH25425

REV 2

SHEET NO. 2/2

Leader Of Industry