

1 2 3 4 5 6 7 8

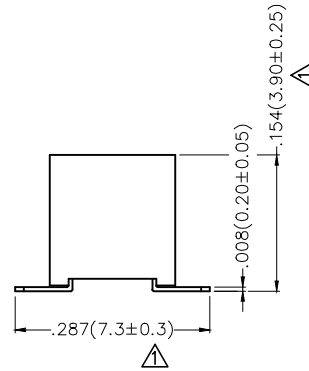
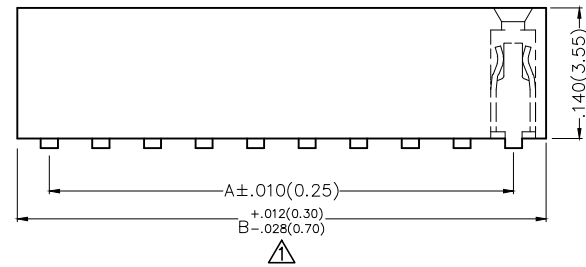
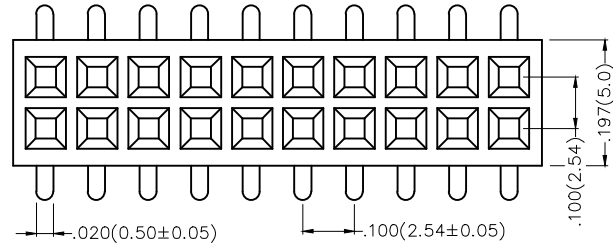
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	24/JUN/21	KATE	FRANK

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

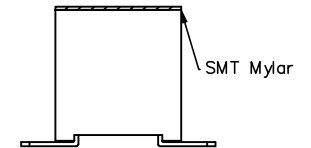
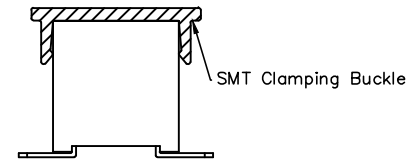
Material and Plating

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)

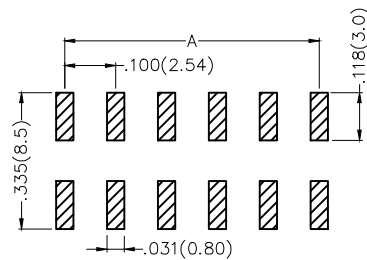
Packing: M1—Reel(With Mylar)




Ordering Information

FFH 254 21 — 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. 21	4 Row Option D—Double Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated 3—Selective gold on contact area, matte tin on tail	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 4—PA6T	10 Material—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. FFH25421-XXSXXX4K6XX	ITEM NO. FFH25421	 Leader Of Industry
	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 CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	DRAWN BY JACOB		DATE 12/AUG/13	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

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B Δ			A	B Δ
4	FFH25421-D04SXXX4K6M	.100(2.54)	.216(5.48)	44	FFH25421-D44SXXX4K6M	2.100(53.34)	2.216(56.28)
6	FFH25421-D06SXXX4K6M	.200(5.08)	.316(8.02)	46	FFH25421-D46SXXX4K6M	2.200(55.88)	2.316(58.82)
8	FFH25421-D08SXXX4K6M	.300(7.62)	.416(10.56)	48	FFH25421-D48SXXX4K6M	2.300(58.42)	2.416(61.36)
10	FFH25421-D10SXXX4K6M	.400(10.16)	.516(13.10)	50	FFH25421-D50SXXX4K6M	2.400(60.96)	2.516(63.90)
12	FFH25421-D12SXXX4K6M	.500(12.70)	.616(15.64)	52	FFH25421-D52SXXX4K6M	2.500(63.50)	2.616(66.44)
14	FFH25421-D14SXXX4K6M	.600(15.24)	.716(18.18)	54	FFH25421-D54SXXX4K6M	2.600(66.04)	2.716(68.98)
16	FFH25421-D16SXXX4K6M	.700(17.78)	.816(20.72)	56	FFH25421-D56SXXX4K6M	2.700(68.58)	2.816(71.52)
18	FFH25421-D18SXXX4K6M	.800(20.32)	.916(23.26)	58	FFH25421-D58SXXX4K6M	2.800(71.12)	2.916(74.06)
20	FFH25421-D20SXXX4K6M	.900(22.86)	1.016(25.80)	60	FFH25421-D60SXXX4K6M	2.900(73.66)	3.016(76.60)
22	FFH25421-D22SXXX4K6M	1.000(25.40)	1.116(28.34)	62	FFH25421-D62SXXX4K6M	3.000(76.20)	3.116(79.14)
24	FFH25421-D24SXXX4K6M	1.100(27.94)	1.216(30.88)	64	FFH25421-D64SXXX4K6M	3.100(78.74)	3.216(81.68)
26	FFH25421-D26SXXX4K6M	1.200(30.48)	1.316(33.42)	66	FFH25421-D66SXXX4K6M	3.200(81.28)	3.316(84.22)
28	FFH25421-D28SXXX4K6M	1.300(33.02)	1.416(35.96)	68	FFH25421-D68SXXX4K6M	3.300(83.82)	3.416(86.76)
30	FFH25421-D30SXXX4K6M	1.400(35.56)	1.516(38.50)	70	FFH25421-D70SXXX4K6M	3.400(86.36)	3.516(89.30)
32	FFH25421-D32SXXX4K6M	1.500(38.10)	1.616(41.04)	72	FFH25421-D72SXXX4K6M	3.500(88.90)	3.616(91.84)
34	FFH25421-D34SXXX4K6M	1.600(40.64)	1.716(43.58)	74	FFH25421-D74SXXX4K6M	3.600(91.44)	3.716(94.38)
36	FFH25421-D36SXXX4K6M	1.700(43.18)	1.816(46.12)	76	FFH25421-D76SXXX4K6M	3.700(93.98)	3.816(96.92)
38	FFH25421-D38SXXX4K6M	1.800(45.72)	1.916(48.66)	78	FFH25421-D78SXXX4K6M	3.800(96.52)	3.916(99.46)
40	FFH25421-D40SXXX4K6M	1.900(48.26)	2.016(51.20)	80	FFH25421-D80SXXX4K6M	3.900(99.06)	4.016(102.00)
42	FFH25421-D42SXXX4K6M	2.000(50.80)	2.116(53.74)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25421-XXSXXX4K6XX	ITEM NO. FFH25421	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X'±5" .X'±2"	CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (SMT)		REV 1
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1" .XXX'±0.5"	DRAWN BY JACOB	DATE 12/AUG/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		