

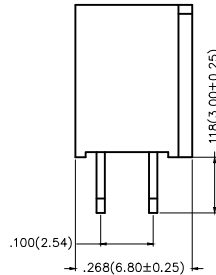
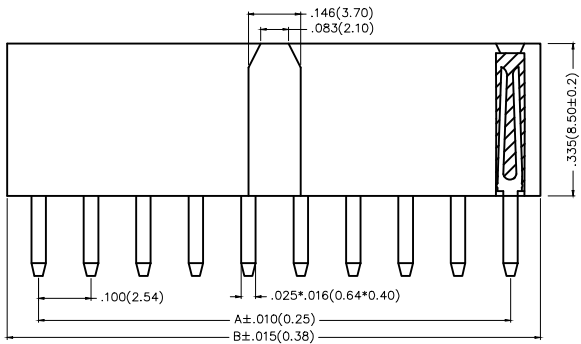
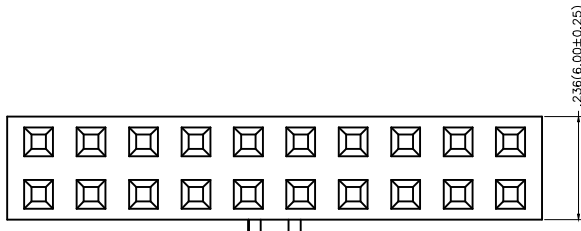
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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~+105°C

Material and Plating

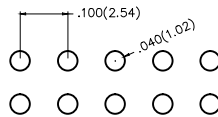
Housing: PBT/PA6T( UL 94V-0)  
Contact Pin: Phosphor Bronze  
Plating: Gold Plated/Selective gold in contact area,  
matte(bright) tin on tail



Ordering Information

FFH 254 07 — D XX S X XX X K6 K  
1 2 3 4 5 6 7 8 9 10 11

1 <u>Category</u> FFH—Female Header	2 <u>Series Number</u> 254—Pitch2.54mm	3 <u>Distinction No.</u> 07	4 <u>Row Option</u> D—Double Row	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> S—180° Vertical
7 <u>Plating</u> 1—Gold Plated 3—Selective gold in contact area, matte(bright) tin on tail	8 <u>Thickness of Plating</u> 00—Gold Flash 05—5μ" Custom plate available	9 <u>Material—Resin</u> 1—PBT 4—PA6T	10 <u>Color—Resin</u> K6—Black	11 <u>Packaging</u> K—Tray	





Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25407-DXXSXXXK6K	ITEM NO. FFH25407	 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 (DIP)		REV 0
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		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH25407-D04SXXXXK6K	.100(2.54)	.220(5.58)	44	FFH25407-D44SXXXXK6K	2.100(53.34)	2.220(56.38)
6	FFH25407-D06SXXXXK6K	.200(5.08)	.320(8.12)	46	FFH25407-D46SXXXXK6K	2.200(55.88)	2.320(58.92)
8	FFH25407-D08SXXXXK6K	.300(7.62)	.420(10.66)	48	FFH25407-D48SXXXXK6K	2.300(58.42)	2.420(61.46)
10	FFH25407-D10SXXXXK6K	.400(10.16)	.520(13.20)	50	FFH25407-D50SXXXXK6K	2.400(60.96)	2.520(64.00)
12	FFH25407-D12SXXXXK6K	.500(12.70)	.620(15.74)	52	FFH25407-D52SXXXXK6K	2.500(63.50)	2.620(66.54)
14	FFH25407-D14SXXXXK6K	.600(15.24)	.720(18.28)	54	FFH25407-D54SXXXXK6K	2.600(66.04)	2.720(69.08)
16	FFH25407-D16SXXXXK6K	.700(17.78)	.820(20.82)	56	FFH25407-D56SXXXXK6K	2.700(68.58)	2.820(71.62)
18	FFH25407-D18SXXXXK6K	.800(20.32)	.920(23.36)	58	FFH25407-D58SXXXXK6K	2.800(71.12)	2.920(74.16)
20	FFH25407-D20SXXXXK6K	.900(22.86)	1.020(25.90)	60	FFH25407-D60SXXXXK6K	2.900(73.66)	3.020(76.70)
22	FFH25407-D22SXXXXK6K	1.000(25.40)	1.120(28.44)	62	FFH25407-D62SXXXXK6K	3.000(76.20)	3.120(79.24)
24	FFH25407-D24SXXXXK6K	1.100(27.94)	1.220(30.98)	64	FFH25407-D64SXXXXK6K	3.100(78.74)	3.220(81.78)
26	FFH25407-D26SXXXXK6K	1.200(30.48)	1.320(33.52)	66	FFH25407-D66SXXXXK6K	3.200(81.28)	3.320(84.32)
28	FFH25407-D28SXXXXK6K	1.300(33.02)	1.420(36.06)	68	FFH25407-D68SXXXXK6K	3.300(83.82)	3.420(86.86)
30	FFH25407-D30SXXXXK6K	1.400(35.56)	1.520(38.60)	70	FFH25407-D70SXXXXK6K	3.400(86.36)	3.520(89.40)
32	FFH25407-D32SXXXXK6K	1.500(38.10)	1.620(41.14)	72	FFH25407-D72SXXXXK6K	3.500(88.90)	3.620(91.94)
34	FFH25407-D34SXXXXK6K	1.600(40.64)	1.720(43.68)	74	FFH25407-D74SXXXXK6K	3.600(91.44)	3.720(94.48)
36	FFH25407-D36SXXXXK6K	1.700(43.18)	1.820(46.22)	76	FFH25407-D76SXXXXK6K	3.700(93.98)	3.820(97.02)
38	FFH25407-D38SXXXXK6K	1.800(45.72)	1.920(48.76)	78	FFH25407-D78SXXXXK6K	3.800(96.52)	3.920(99.56)
40	FFH25407-D40SXXXXK6K	1.900(48.26)	2.020(51.30)	80	FFH25407-D80SXXXXK6K	3.900(99.06)	4.020(102.10)
42	FFH25407-D42SXXXXK6K	2.000(50.80)	2.120(53.84)				

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