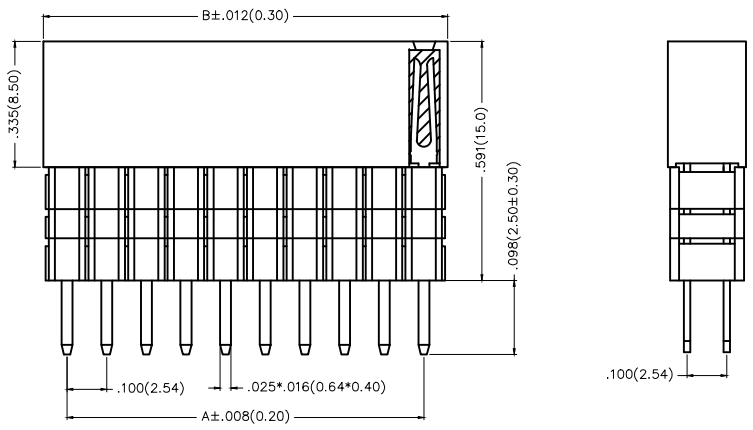
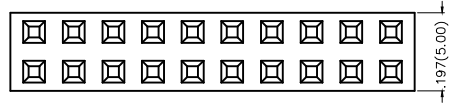


REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD

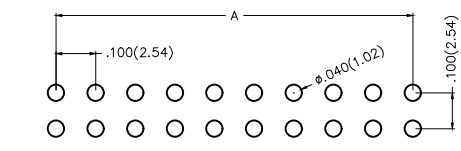
Electrical
 Current Rating: 3A AC(rms)/DC
 Voltage Rating: 250V AC(rms)/DC
 Contact Resistance: 20 mΩ Max
 Insulation Resistance: 1000 MΩ MIN
 Withstanding Voltage: 500V AC r.m.s
 Temperature Range—Operating: -40°C~+105°C
 Material and Plating
 Housing: PBT/PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, tin on tail




Ordering Information

FFH 254 51 — D XX S X XX X K6 K
 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. 51	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, tin on tail	8 Thickness of Plating 00—Gold Flash 05—5μ" Custom plate available	9 Material—Resin 1—PBT 4—PA6T	10 Color—Resin K6—Black	11 Packaging K—Tray	





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25451-DXXSXXXK6K	ITEM NO. FFH25451	 Building Technology Cornerstone
	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 (DIP)	
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		

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	FFH25451-D04SXXXXK6K	.100(2.54)	.212(5.38)	44	FFH25451-D44SXXXXK6K	2.100(53.34)	2.212(56.18)
6	FFH25451-D06SXXXXK6K	.200(5.08)	.312(7.92)	46	FFH25451-D46SXXXXK6K	2.200(55.88)	2.312(58.72)
8	FFH25451-D08SXXXXK6K	.300(7.62)	.412(10.46)	48	FFH25451-D48SXXXXK6K	2.300(58.42)	2.412(61.26)
10	FFH25451-D10SXXXXK6K	.400(10.16)	.512(13.00)	50	FFH25451-D50SXXXXK6K	2.400(60.96)	2.512(63.80)
12	FFH25451-D12SXXXXK6K	.500(12.70)	.612(15.54)	52	FFH25451-D52SXXXXK6K	2.500(63.50)	2.612(66.34)
14	FFH25451-D14SXXXXK6K	.600(15.24)	.712(18.08)	54	FFH25451-D54SXXXXK6K	2.600(66.04)	2.712(68.88)
16	FFH25451-D16SXXXXK6K	.700(17.78)	.812(20.62)	56	FFH25451-D56SXXXXK6K	2.700(68.58)	2.812(71.42)
18	FFH25451-D18SXXXXK6K	.800(20.32)	.912(23.16)	58	FFH25451-D58SXXXXK6K	2.800(71.12)	2.912(73.96)
20	FFH25451-D20SXXXXK6K	.900(22.86)	1.012(25.70)	60	FFH25451-D60SXXXXK6K	2.900(73.66)	3.012(76.50)
22	FFH25451-D22SXXXXK6K	1.000(25.40)	1.112(28.24)	62	FFH25451-D62SXXXXK6K	3.000(76.20)	3.112(79.04)
24	FFH25451-D24SXXXXK6K	1.100(27.94)	1.212(30.78)	64	FFH25451-D64SXXXXK6K	3.100(78.74)	3.212(81.58)
26	FFH25451-D26SXXXXK6K	1.200(30.48)	1.312(33.32)	66	FFH25451-D66SXXXXK6K	3.200(81.28)	3.312(84.12)
28	FFH25451-D28SXXXXK6K	1.300(33.02)	1.412(35.86)	68	FFH25451-D68SXXXXK6K	3.300(83.82)	3.412(86.66)
30	FFH25451-D30SXXXXK6K	1.400(35.56)	1.512(38.40)	70	FFH25451-D70SXXXXK6K	3.400(86.36)	3.512(89.20)
32	FFH25451-D32SXXXXK6K	1.500(38.10)	1.612(40.94)	72	FFH25451-D72SXXXXK6K	3.500(88.90)	3.612(91.74)
34	FFH25451-D34SXXXXK6K	1.600(40.64)	1.712(43.48)	74	FFH25451-D74SXXXXK6K	3.600(91.44)	3.712(94.28)
36	FFH25451-D36SXXXXK6K	1.700(43.18)	1.812(46.02)	76	FFH25451-D76SXXXXK6K	3.700(93.98)	3.812(96.82)
38	FFH25451-D38SXXXXK6K	1.800(45.72)	1.912(48.56)	78	FFH25451-D78SXXXXK6K	3.800(96.52)	3.912(99.36)
40	FFH25451-D40SXXXXK6K	1.900(48.26)	2.012(51.10)	80	FFH25451-D80SXXXXK6K	3.900(99.06)	4.012(101.90)
42	FFH25451-D42SXXXXK6K	2.000(50.80)	2.112(53.64)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25451-DXXSXXXXK6K	ITEM NO. FFH25451	 Building Technology Cornerstone	
	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				