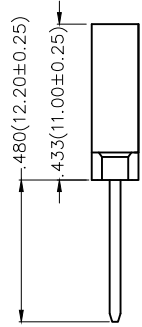
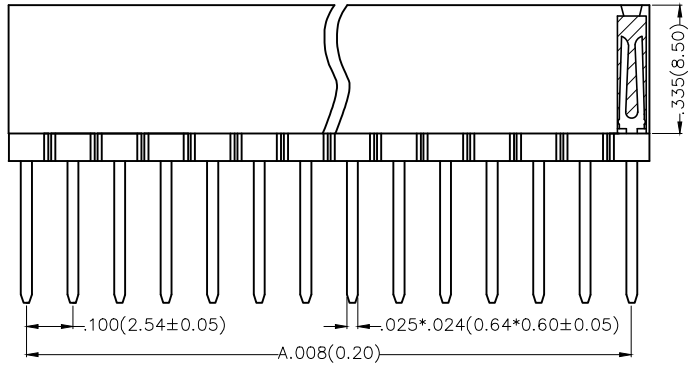
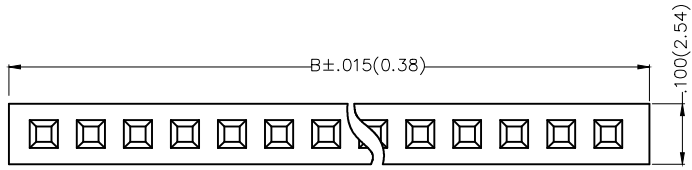


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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

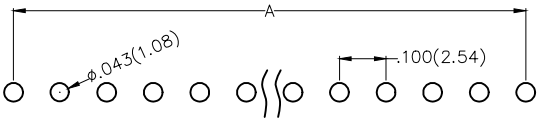
Material and Plating
 Housing: PBT/PA6T(UL 94V-0)
 Contact Pin: Brass
 Plating: Gold Plated/Selective gold on contact area, tin on tail




Ordering Information

FFH 254 18 — S 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. 18	4 Row Option S-Single 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. FFH25418-SXXSXXXK6K	ITEM NO. FFH25418	 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 (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 0	SHEET NO. 1/4	

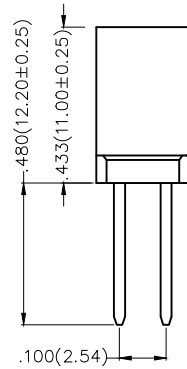
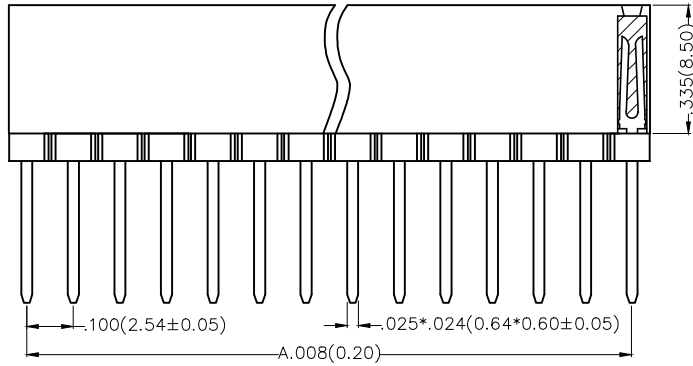
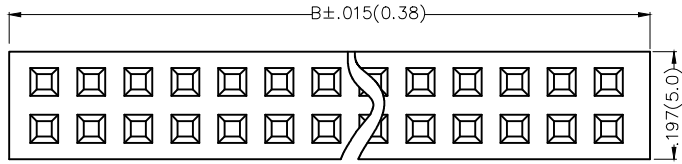
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FFH25418-S02SXXXXK6K	.100(2.54)	.220(5.58)	22	FFH25418-S22SXXXXK6K	2.100(53.34)	2.220(56.38)
3	FFH25418-S03SXXXXK6K	.200(5.08)	.320(8.12)	23	FFH25418-S23SXXXXK6K	2.200(55.88)	2.320(58.92)
4	FFH25418-S04SXXXXK6K	.300(7.62)	.420(10.66)	24	FFH25418-S24SXXXXK6K	2.300(58.42)	2.420(61.46)
5	FFH25418-S05SXXXXK6K	.400(10.16)	.520(13.20)	25	FFH25418-S25SXXXXK6K	2.400(60.96)	2.520(64.00)
6	FFH25418-S06SXXXXK6K	.500(12.70)	.620(15.74)	26	FFH25418-S26SXXXXK6K	2.500(63.50)	2.620(66.54)
7	FFH25418-S07SXXXXK6K	.600(15.24)	.720(18.28)	27	FFH25418-S27SXXXXK6K	2.600(66.04)	2.720(69.08)
8	FFH25418-S08SXXXXK6K	.700(17.78)	.820(20.82)	28	FFH25418-S28SXXXXK6K	2.700(68.58)	2.820(71.62)
9	FFH25418-S09SXXXXK6K	.800(20.32)	.920(23.36)	29	FFH25418-S29SXXXXK6K	2.800(71.12)	2.920(74.16)
10	FFH25418-S10SXXXXK6K	.900(22.86)	1.020(25.90)	30	FFH25418-S30SXXXXK6K	2.900(73.66)	3.020(76.70)
11	FFH25418-S11SXXXXK6K	1.000(25.40)	1.120(28.44)	31	FFH25418-S31SXXXXK6K	3.000(76.20)	3.120(79.24)
12	FFH25418-S12SXXXXK6K	1.100(27.94)	1.220(30.98)	32	FFH25418-S32SXXXXK6K	3.100(78.74)	3.220(81.78)
13	FFH25418-S13SXXXXK6K	1.200(30.48)	1.320(33.52)	33	FFH25418-S33SXXXXK6K	3.200(81.28)	3.320(84.32)
14	FFH25418-S14SXXXXK6K	1.300(33.02)	1.420(36.06)	34	FFH25418-S34SXXXXK6K	3.300(83.82)	3.420(86.86)
15	FFH25418-S15SXXXXK6K	1.400(35.56)	1.520(38.60)	35	FFH25418-S35SXXXXK6K	3.400(86.36)	3.520(89.40)
16	FFH25418-S16SXXXXK6K	1.500(38.10)	1.620(41.14)	36	FFH25418-S36SXXXXK6K	3.500(88.90)	3.620(91.94)
17	FFH25418-S17SXXXXK6K	1.600(40.64)	1.720(43.68)	37	FFH25418-S37SXXXXK6K	3.600(91.44)	3.720(94.48)
18	FFH25418-S18SXXXXK6K	1.700(43.18)	1.820(46.22)	38	FFH25418-S38SXXXXK6K	3.700(93.98)	3.820(97.02)
19	FFH25418-S19SXXXXK6K	1.800(45.72)	1.920(48.76)	39	FFH25418-S39SXXXXK6K	3.800(96.52)	3.920(99.56)
20	FFH25418-S20SXXXXK6K	1.900(48.26)	2.020(51.30)	40	FFH25418-S40SXXXXK6K	3.900(99.06)	4.020(102.10)
21	FFH25418-S21SXXXXK6K	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25418-SXXSXXXXK6K	ITEM NO. FFH25418	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	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)		
		X.XX±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 12/AUG/13	REV 0 SHEET NO. 2/4		
		X.XX±.006(0.15)	.XX'±1'			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'					

1 2 3 4 5 6 7 8

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

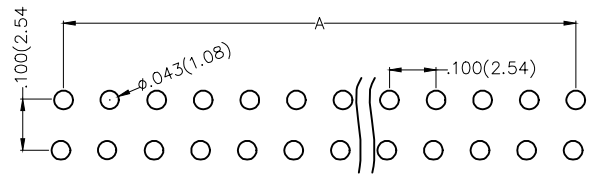
Material and Plating

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


Ordering Information

FFH 254 18 — 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. 18	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. FFH25418-DXXSXXXK6K	ITEM NO. FFH25418	 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 (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 0 SHEET NO. 3/4

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			A	B
4	FFH25418-D04SXXXXK6K	.100(2.54)	.220(5.58)	44	FFH25418-D44SXXXXK6K	2.100(53.34)	2.220(56.38)
6	FFH25418-D06SXXXXK6K	.200(5.08)	.320(8.12)	46	FFH25418-D46SXXXXK6K	2.200(55.88)	2.320(58.92)
8	FFH25418-D08SXXXXK6K	.300(7.62)	.420(10.66)	48	FFH25418-D48SXXXXK6K	2.300(58.42)	2.420(61.46)
10	FFH25418-D10SXXXXK6K	.400(10.16)	.520(13.20)	50	FFH25418-D50SXXXXK6K	2.400(60.96)	2.520(64.00)
12	FFH25418-D12SXXXXK6K	.500(12.70)	.620(15.74)	52	FFH25418-D52SXXXXK6K	2.500(63.50)	2.620(66.54)
14	FFH25418-D14SXXXXK6K	.600(15.24)	.720(18.28)	54	FFH25418-D54SXXXXK6K	2.600(66.04)	2.720(69.08)
16	FFH25418-D16SXXXXK6K	.700(17.78)	.820(20.82)	56	FFH25418-D56SXXXXK6K	2.700(68.58)	2.820(71.62)
18	FFH25418-D18SXXXXK6K	.800(20.32)	.920(23.36)	58	FFH25418-D58SXXXXK6K	2.800(71.12)	2.920(74.16)
20	FFH25418-D20SXXXXK6K	.900(22.86)	1.020(25.90)	60	FFH25418-D60SXXXXK6K	2.900(73.66)	3.020(76.70)
22	FFH25418-D22SXXXXK6K	1.000(25.40)	1.120(28.44)	62	FFH25418-D62SXXXXK6K	3.000(76.20)	3.120(79.24)
24	FFH25418-D24SXXXXK6K	1.100(27.94)	1.220(30.98)	64	FFH25418-D64SXXXXK6K	3.100(78.74)	3.220(81.78)
26	FFH25418-D26SXXXXK6K	1.200(30.48)	1.320(33.52)	66	FFH25418-D66SXXXXK6K	3.200(81.28)	3.320(84.32)
28	FFH25418-D28SXXXXK6K	1.300(33.02)	1.420(36.06)	68	FFH25418-D68SXXXXK6K	3.300(83.82)	3.420(86.86)
30	FFH25418-D30SXXXXK6K	1.400(35.56)	1.520(38.60)	70	FFH25418-D70SXXXXK6K	3.400(86.36)	3.520(89.40)
32	FFH25418-D32SXXXXK6K	1.500(38.10)	1.620(41.14)	72	FFH25418-D72SXXXXK6K	3.500(88.90)	3.620(91.94)
34	FFH25418-D34SXXXXK6K	1.600(40.64)	1.720(43.68)	74	FFH25418-D74SXXXXK6K	3.600(91.44)	3.720(94.48)
36	FFH25418-D36SXXXXK6K	1.700(43.18)	1.820(46.22)	76	FFH25418-D76SXXXXK6K	3.700(93.98)	3.820(97.02)
38	FFH25418-D38SXXXXK6K	1.800(45.72)	1.920(48.76)	78	FFH25418-D78SXXXXK6K	3.800(96.52)	3.920(99.56)
40	FFH25418-D40SXXXXK6K	1.900(48.26)	2.020(51.30)	80	FFH25418-D80SXXXXK6K	3.900(99.06)	4.020(102.10)
42	FFH25418-D42SXXXXK6K	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	FRANK	12/AUG/13	FFH25418-DXXSXXXXK6K	FFH25418		
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE	REV 0		SHEET NO. 4/4
	X.XX±.006(0.15)	.XX'±1'	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE			
5:1	A4			JACOB	12/AUG/13			