

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Size 5.8±0.05 Change to 5.9±0.15	20160624	CHERRY	JACK

A

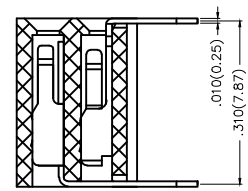
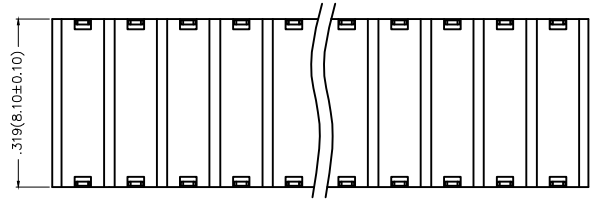
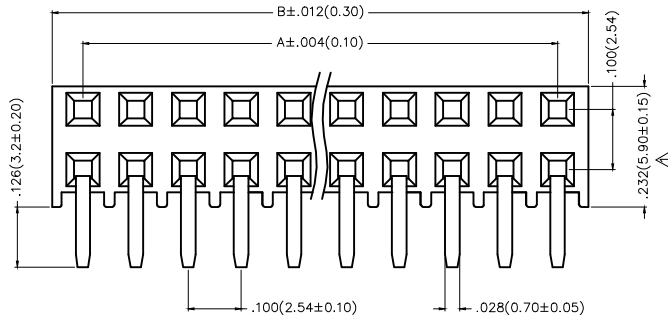
B

C

D

E

F



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

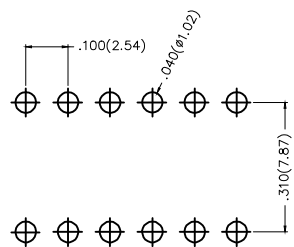
Material and Plating

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


Ordering Information

FFH 254 23 — D XX B 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. 23	4 Row Option D—Double Row	5 Circuits XX	6 Entry Type B—90° Angle
7 Plating 1—Gold Plated 3—Selective gold on contact area, tin on tail 6—Selective gold on contact area, gold flash 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 24/JUN/16	PART NO. FFH25423-DXXBXXXXK6K	ITEM NO. FFH25423	 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 JACOB	DATE 24/JUN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)		REV 1
SCALE 5:1	SIZE A4		DRAWN BY CHERRY	DATE 24/JUN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH25423-D04BXXXXK6K	.100(2.54)	.200(5.08)	44	FFH25423-D44BXXXXK6K	2.100(53.34)	2.200(55.88)
6	FFH25423-D06BXXXXK6K	.200(5.08)	.300(7.62)	46	FFH25423-D46BXXXXK6K	2.200(55.88)	2.300(58.42)
8	FFH25423-D08BXXXXK6K	.300(7.62)	.400(10.16)	48	FFH25423-D48BXXXXK6K	2.300(58.42)	2.400(60.96)
10	FFH25423-D10BXXXXK6K	.400(10.16)	.500(12.70)	50	FFH25423-D50BXXXXK6K	2.400(60.96)	2.500(63.50)
12	FFH25423-D12BXXXXK6K	.500(12.70)	.600(15.24)	52	FFH25423-D52BXXXXK6K	2.500(63.50)	2.600(66.04)
14	FFH25423-D14BXXXXK6K	.600(15.24)	.700(17.78)	54	FFH25423-D54BXXXXK6K	2.600(66.04)	2.700(68.58)
16	FFH25423-D16BXXXXK6K	.700(17.78)	.800(20.32)	56	FFH25423-D56BXXXXK6K	2.700(68.58)	2.800(71.12)
18	FFH25423-D18BXXXXK6K	.800(20.32)	.900(22.86)	58	FFH25423-D58BXXXXK6K	2.800(71.12)	2.900(73.66)
20	FFH25423-D20BXXXXK6K	.900(22.86)	1.000(25.40)	60	FFH25423-D60BXXXXK6K	2.900(73.66)	3.000(76.20)
22	FFH25423-D22BXXXXK6K	1.000(25.40)	1.100(27.94)	62	FFH25423-D62BXXXXK6K	3.000(76.20)	3.100(78.74)
24	FFH25423-D24BXXXXK6K	1.100(27.94)	1.200(30.48)	64	FFH25423-D64BXXXXK6K	3.100(78.74)	3.200(81.28)
26	FFH25423-D26BXXXXK6K	1.200(30.48)	1.300(33.02)	66	FFH25423-D66BXXXXK6K	3.200(81.28)	3.300(83.82)
28	FFH25423-D28BXXXXK6K	1.300(33.02)	1.400(35.56)	68	FFH25423-D68BXXXXK6K	3.300(83.82)	3.400(86.36)
30	FFH25423-D30BXXXXK6K	1.400(35.56)	1.500(38.10)	70	FFH25423-D70BXXXXK6K	3.400(86.36)	3.500(88.90)
32	FFH25423-D32BXXXXK6K	1.500(38.10)	1.600(40.64)	72	FFH25423-D72BXXXXK6K	3.500(88.90)	3.600(91.44)
34	FFH25423-D34BXXXXK6K	1.600(40.64)	1.700(43.18)	74	FFH25423-D74BXXXXK6K	3.600(91.44)	3.700(93.98)
36	FFH25423-D36BXXXXK6K	1.700(43.18)	1.800(45.72)	76	FFH25423-D76BXXXXK6K	3.700(93.98)	3.800(96.52)
38	FFH25423-D38BXXXXK6K	1.800(45.72)	1.900(48.26)	78	FFH25423-D78BXXXXK6K	3.800(96.52)	3.900(99.06)
40	FFH25423-D40BXXXXK6K	1.900(48.26)	2.000(50.80)	80	FFH25423-D80BXXXXK6K	3.900(99.06)	4.00(101.60)
42	FFH25423-D42BXXXXK6K	2.000(50.80)	2.100(53.34)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/JUN/16	PART NO. FFH25423-DXXBXXXXK6K	ITEM NO. FFH25423	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 24/JUN/16	TITLE Board to Board (Female Header) Pitch 2.54mm 90° Angle (DIP)			REV 1
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY CHERRY	DATE 24/JUN/16	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)					