

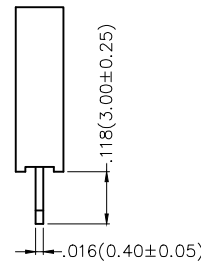
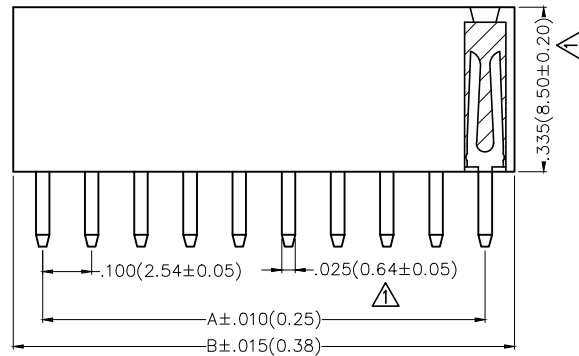
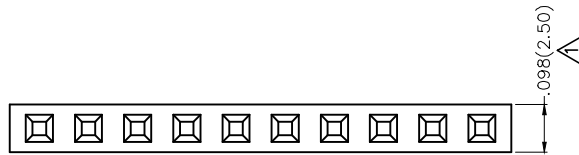
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	07/SEP/20	KATE	CHERRY

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

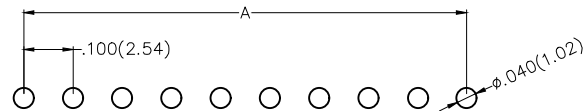
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area, tin on tail



Ordering Information

FFH 254 05 — S XX S X XX X K6 X
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. 05	4 Row Option S-Single row	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated 3-Selective gold in 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 L-PE Tube	



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25405-SXXSXXXK6X	ITEM NO. FFH25405	 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)		REV 1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	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

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FFH25405-S02SXXXXK6X	.100(2.54)	.220(5.58)	22	FFH25405-S22SXXXXK6X	2.100(53.34)	2.220(56.38)
3	FFH25405-S03SXXXXK6X	.200(5.08)	.320(8.12)	23	FFH25405-S23SXXXXK6X	2.200(55.88)	2.320(58.92)
4	FFH25405-S04SXXXXK6X	.300(7.62)	.420(10.66)	24	FFH25405-S24SXXXXK6X	2.300(58.42)	2.420(61.46)
5	FFH25405-S05SXXXXK6X	.400(10.16)	.520(13.20)	25	FFH25405-S25SXXXXK6X	2.400(60.96)	2.520(64.00)
6	FFH25405-S06SXXXXK6X	.500(12.70)	.620(15.74)	26	FFH25405-S26SXXXXK6X	2.500(63.50)	2.620(66.54)
7	FFH25405-S07SXXXXK6X	.600(15.24)	.720(18.28)	27	FFH25405-S27SXXXXK6X	2.600(66.04)	2.720(69.08)
8	FFH25405-S08SXXXXK6X	.700(17.78)	.820(20.82)	28	FFH25405-S28SXXXXK6X	2.700(68.58)	2.820(71.62)
9	FFH25405-S09SXXXXK6X	.800(20.32)	.920(23.36)	29	FFH25405-S29SXXXXK6X	2.800(71.12)	2.920(74.16)
10	FFH25405-S10BXXXXK6K	.900(22.86)	1.020(25.90)	30	FFH25405-S30SXXXXK6X	2.900(73.66)	3.020(76.70)
11	FFH25405-S11SXXXXK6X	1.000(25.40)	1.120(28.44)	31	FFH25405-S31SXXXXK6X	3.000(76.20)	3.120(79.24)
12	FFH25405-S12SXXXXK6X	1.100(27.94)	1.220(30.98)	32	FFH25405-S32SXXXXK6X	3.100(78.74)	3.220(81.78)
13	FFH25405-S13SXXXXK6X	1.200(30.48)	1.320(33.52)	33	FFH25405-S33SXXXXK6X	3.200(81.28)	3.320(84.32)
14	FFH25405-S14SXXXXK6X	1.300(33.02)	1.420(36.06)	34	FFH25405-S34SXXXXK6X	3.300(83.82)	3.420(86.86)
15	FFH25405-S15SXXXXK6X	1.400(35.56)	1.520(38.60)	35	FFH25405-S35SXXXXK6X	3.400(86.36)	3.520(89.40)
16	FFH25405-S16SXXXXK6X	1.500(38.10)	1.620(41.14)	36	FFH25405-S36SXXXXK6X	3.500(88.90)	3.620(91.94)
17	FFH25405-S17SXXXXK6X	1.600(40.64)	1.720(43.68)	37	FFH25405-S37SXXXXK6X	3.600(91.44)	3.720(94.48)
18	FFH25405-S18SXXXXK6X	1.700(43.18)	1.820(46.22)	38	FFH25405-S38SXXXXK6X	3.700(93.98)	3.820(97.02)
19	FFH25405-S19SXXXXK6K	1.800(45.72)	1.920(48.76)	39	FFH25405-S39SXXXXK6X	3.800(96.52)	3.920(99.56)
20	FFH25405-S20SXXXXK6X	1.900(48.26)	2.020(51.30)	40	FFH25405-S40SXXXXK6X	3.900(99.06)	4.020(102.10)
21	FFH25405-S21SXXXXK6X	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25405-SXXSXXXXK6X	ITEM NO. FFH25405	 Leader Of Industry	
	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 1
	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'	X.XXX±.004(0.10)	.XXX'±0.5'		

1 2 3 4 5 6 7 8

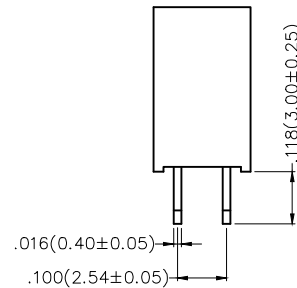
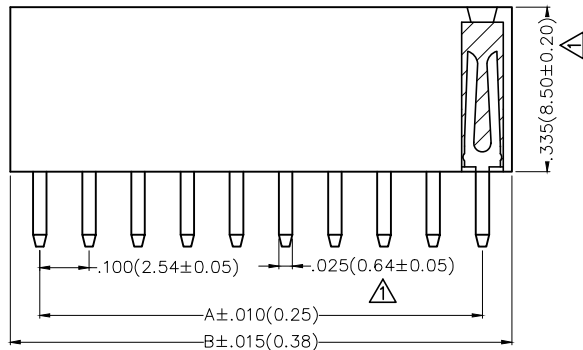
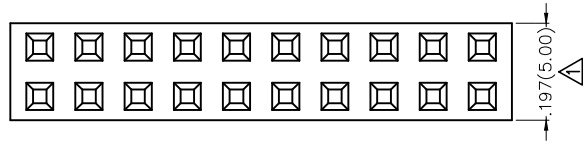
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	07/SEP/20	KATE	CHERRY

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

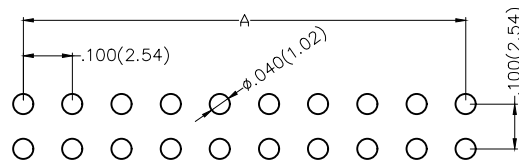
Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area, tin on tail



Ordering Information

FFH 254 05 — D XX S X XX X K6 X
1 2 3 4 5 6 7 8 9 10 11

1	Category FFH—Female Header	2	Series Number 254—Pitch 2.54mm	3	Distinction No. 05	4	Row Option D—Double Row	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 1—Gold Plated 3—Selective gold in 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 L—PE Tube		



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25405-DXXSXXXK6X	ITEM NO. FFH25405	 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)		REV 1
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

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
4	FFH25405-D04SXXXXK6X	.100(2.54)	.220(5.58)	44	FFH25405-D44SXXXXK6X	2.100(53.34)	2.220(56.38)
6	FFH25405-D06SXXXXK6X	.200(5.08)	.320(8.12)	46	FFH25405-D46SXXXXK6X	2.200(55.88)	2.320(58.92)
8	FFH25405-D08SXXXXK6X	.300(7.62)	.420(10.66)	48	FFH25405-D48SXXXXK6X	2.300(58.42)	2.420(61.46)
10	FFH25405-D10SXXXXK6X	.400(10.16)	.520(13.20)	50	FFH25405-D50SXXXXK6X	2.400(60.96)	2.520(64.00)
12	FFH25405-D12SXXXXK6X	.500(12.70)	.620(15.74)	52	FFH25405-D52SXXXXK6X	2.500(63.50)	2.620(66.54)
14	FFH25405-D14SXXXXK6X	.600(15.24)	.720(18.28)	54	FFH25405-D54SXXXXK6X	2.600(66.04)	2.720(69.08)
16	FFH25405-D16SXXXXK6X	.700(17.78)	.820(20.82)	56	FFH25405-D56SXXXXK6X	2.700(68.58)	2.820(71.62)
18	FFH25405-D18SXXXXK6X	.800(20.32)	.920(23.36)	58	FFH25405-D58SXXXXK6X	2.800(71.12)	2.920(74.16)
20	FFH25405-D20BXXXXK6K	.900(22.86)	1.020(25.90)	60	FFH25405-D60SXXXXK6X	2.900(73.66)	3.020(76.70)
22	FFH25405-D22SXXXXK6X	1.000(25.40)	1.120(28.44)	62	FFH25405-D62SXXXXK6X	3.000(76.20)	3.120(79.24)
24	FFH25405-D24SXXXXK6X	1.100(27.94)	1.220(30.98)	64	FFH25405-D64SXXXXK6X	3.100(78.74)	3.220(81.78)
26	FFH25405-D26SXXXXK6X	1.200(30.48)	1.320(33.52)	66	FFH25405-D66SXXXXK6X	3.200(81.28)	3.320(84.32)
28	FFH25405-D28SXXXXK6X	1.300(33.02)	1.420(36.06)	68	FFH25405-D68SXXXXK6X	3.300(83.82)	3.420(86.86)
30	FFH25405-D30SXXXXK6X	1.400(35.56)	1.520(38.60)	70	FFH25405-D70SXXXXK6X	3.400(86.36)	3.520(89.40)
32	FFH25405-D32SXXXXK6X	1.500(38.10)	1.620(41.14)	72	FFH25405-D72SXXXXK6X	3.500(88.90)	3.620(91.94)
34	FFH25405-D34SXXXXK6X	1.600(40.64)	1.720(43.68)	74	FFH25405-D74SXXXXK6X	3.600(91.44)	3.720(94.48)
36	FFH25405-D36SXXXXK6X	1.700(43.18)	1.820(46.22)	76	FFH25405-D76SXXXXK6X	3.700(93.98)	3.820(97.02)
38	FFH25405-D38SXXXXK6K	1.800(45.72)	1.920(48.76)	78	FFH25405-D78SXXXXK6X	3.800(96.52)	3.920(99.56)
40	FFH25405-D40SXXXXK6X	1.900(48.26)	2.020(51.30)	80	FFH25405-D80SXXXXK6X	3.900(99.06)	4.020(102.10)
42	FFH25405-D42SXXXXK6X	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO. FFH25405-DXXSXXXXK6X	ITEM NO. FFH25405	 Leader Of Industry		
	X.±.012(0.30)	X.±5'	FRANK	12/AUG/13					
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X.±2'	CHECKED BY	DATE	TITLE		REV 1	SHEET NO. 2/2
	SCALE	X.XX±.006(0.15)	.XX±1"	CHERRY	12/AUG/13	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			
SIZE	X.XXX±.004(0.10)	.XXX±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
5:1	A4		JACOB	12/AUG/13					

1 2 3 4 5 6 7 8

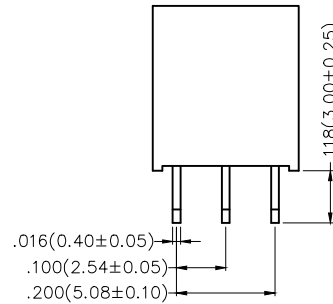
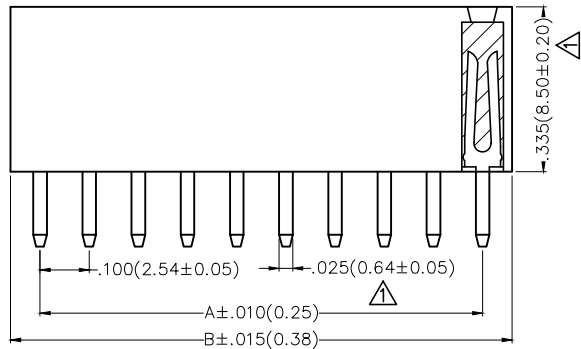
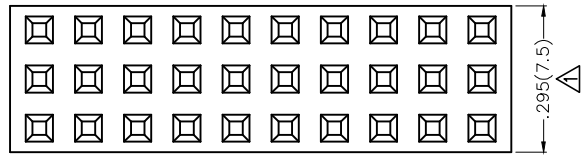
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size changes	07/SEP/20	KATE	CHERRY

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

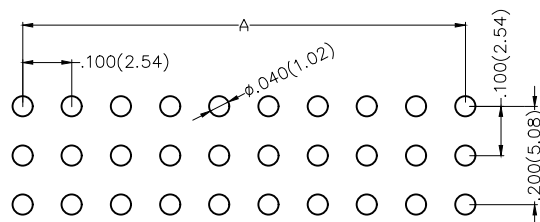
Housing: Glass Filled Polyester(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated/Selective gold in contact area, tin on tail




Ordering Information

FFH 254 05 — T XX S X XX X K6 X
1 2 3 4 5 6 7 8 9 10 11

1 Category FFH—Female Header	2 Series Number 254—Pitch 2.54mm	3 Distinction No. 05	4 Row Option T—Triple Row	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 1—Gold Plated 3—Selective gold in 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 L—PE Tube	





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.'±5'	CHECKED BY	FRANK	12/AUG/13	FFH25405-TXXSXXXK6X	FFH25405	
SCALE	X.X±.008(0.20)	X.'±2'	CHERRY		12/AUG/13	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		
SIZE	X.XX±.006(0.15)	.XX'±1"	DRAWN BY	JACOB	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		
5:1	X.XXX±.004(0.10)	.XXX'±0.5'						

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
6	FFH25405-T06SXXXXK6X	.100(2.54)	.220(5.58)	66	FFH25405-T66SXXXXK6X	2.100(53.34)	2.220(56.38)
9	FFH25405-T09SXXXXK6X	.200(5.08)	.320(8.12)	69	FFH25405-T69SXXXXK6X	2.200(55.88)	2.320(58.92)
12	FFH25405-T12SXXXXK6X	.300(7.62)	.420(10.66)	72	FFH25405-T72SXXXXK6X	2.300(58.42)	2.420(61.46)
15	FFH25405-T15SXXXXK6X	.400(10.16)	.520(13.20)	75	FFH25405-T75SXXXXK6X	2.400(60.96)	2.520(64.00)
18	FFH25405-T18SXXXXK6X	.500(12.70)	.620(15.74)	78	FFH25405-T78SXXXXK6X	2.500(63.50)	2.620(66.54)
21	FFH25405-T21SXXXXK6X	.600(15.24)	.720(18.28)	81	FFH25405-T81SXXXXK6X	2.600(66.04)	2.720(69.08)
24	FFH25405-T24SXXXXK6X	.700(17.78)	.820(20.82)	84	FFH25405-T84SXXXXK6X	2.700(68.58)	2.820(71.62)
27	FFH25405-T27SXXXXK6X	.800(20.32)	.920(23.36)	87	FFH25405-T87SXXXXK6X	2.800(71.12)	2.920(74.16)
30	FFH25405-T30SXXXXK6X	.900(22.86)	1.020(25.90)	90	FFH25405-T90SXXXXK6X	2.900(73.66)	3.020(76.70)
33	FFH25405-T33BXXXXK6K	1.000(25.40)	1.120(28.44)	93	FFH25405-T93SXXXXK6X	3.000(76.20)	3.120(79.24)
36	FFH25405-T36SXXXXK6X	1.100(27.94)	1.220(30.98)	96	FFH25405-T96SXXXXK6X	3.100(78.74)	3.220(81.78)
39	FFH25405-T39SXXXXK6X	1.200(30.48)	1.320(33.52)	99	FFH25405-T99SXXXXK6X	3.200(81.28)	3.320(84.32)
42	FFH25405-T42SXXXXK6X	1.300(33.02)	1.420(36.06)	102	FFH25405-T102SXXXXK6X	3.300(83.82)	3.420(86.86)
45	FFH25405-T45SXXXXK6X	1.400(35.56)	1.520(38.60)	105	FFH25405-T105SXXXXK6X	3.400(86.36)	3.520(89.40)
48	FFH25405-T48SXXXXK6X	1.500(38.10)	1.620(41.14)	108	FFH25405-T108SXXXXK6X	3.500(88.90)	3.620(91.94)
51	FFH25405-T51SXXXXK6X	1.600(40.64)	1.720(43.68)	111	FFH25405-T111SXXXXK6X	3.600(91.44)	3.720(94.48)
54	FFH25405-T54SXXXXK6X	1.700(43.18)	1.820(46.22)	114	FFH25405-T114SXXXXK6X	3.700(93.98)	3.820(97.02)
57	FFH25405-T57SXXXXK6X	1.800(45.72)	1.920(48.76)	117	FFH25405-T117SXXXXK6X	3.800(96.52)	3.920(99.56)
60	FFH25405-T60SXXXXK6K	1.900(48.26)	2.020(51.30)	120	FFH25405-T120SXXXXK6X	3.900(99.06)	4.020(102.10)
63	FFH25405-T63SXXXXK6X	2.000(50.80)	2.120(53.84)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 12/AUG/13	PART NO. FFH25405-TXXSXXXXK6X	ITEM NO. FFH25405	 Leader Of Industry	
	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 1
	DESIGN UNITS Inch (metric)	X.X±.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)	X.X±1'	X.XXX±.004(0.10)	X.XX±0.5'		

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