

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

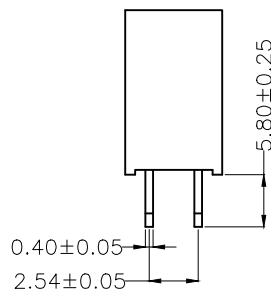
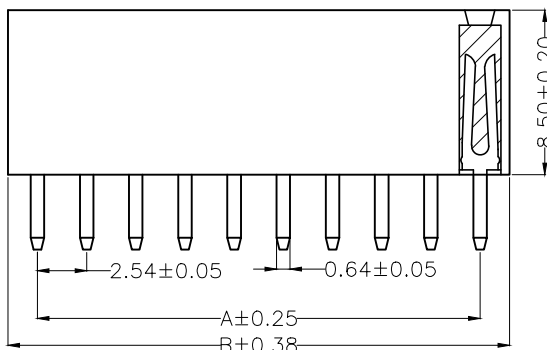
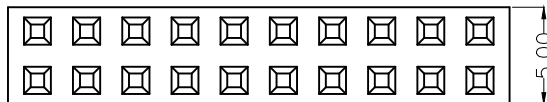
B

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 ~ +105°C

Material and Plating

Housing: PBT/PA6T(UL 94V-0)
Contact Pin: Brass
Plating: Gold Plated

A

B

C

D

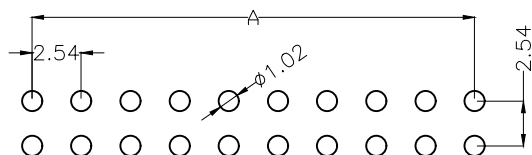
E

F

Ordering Information

FFH 254 05 — D XX S X XX X K6 X B
1 2 3 4 5 6 7 8 9 10 11 12

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	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—Tube	12 Pin type B—pin=5.8mm



Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/24	PART NO. FFH25405—DXXSXXXK6XB	ITEM NO. FFH25405	 Building Technology Cornerston	
		X. ±0.30	X.' ±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS mm		X.X ±0.20	X.X' ±2°	GISELLE	30/JAN/24	Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)		REV 0	SHEET NO. 1/2
		X.XX ±0.15	X.XX' ±1°	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			
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5°	NICK	30/JAN/24				

1 2 3 4 5 6 7 8

1	2	3	4	5	6	7	8			
					REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
4	FFH25405-D04SXXXXK6XB	2.54	5.58
6	FFH25405-D06SXXXXK6XB	5.08	8.12
8	FFH25405-D08SXXXXK6XB	7.62	10.66
10	FFH25405-D10SXXXXK6XB	10.16	13.20
12	FFH25405-D12SXXXXK6XB	12.70	15.74
14	FFH25405-D14SXXXXK6XB	15.24	18.28
16	FFH25405-D16SXXXXK6XB	17.78	20.82
18	FFH25405-D18SXXXXK6XB	20.32	23.36
20	FFH25405-D20SXXXXK6XB	22.86	25.90
22	FFH25405-D22SXXXXK6XB	25.40	28.44
24	FFH25405-D24SXXXXK6XB	27.94	30.98
26	FFH25405-D26SXXXXK6XB	30.48	33.52
28	FFH25405-D28SXXXXK6XB	33.02	36.06
30	FFH25405-D30SXXXXK6XB	35.56	38.60
32	FFH25405-D32SXXXXK6XB	38.10	41.14
34	FFH25405-D34SXXXXK6XB	40.64	43.68
36	FFH25405-D36SXXXXK6XB	43.18	46.22
38	FFH25405-D38SXXXXK6XB	45.72	48.86
40	FFH25405-D40SXXXXK6XB	48.26	51.30
42	FFH25405-D42SXXXXK6XB	50.80	53.84

Circuits (n)	Part No.	Dimensions(mm)	
		A	B
44	FFH25405-D44SXXXXK6XB	53.34	56.38
46	FFH25405-D46SXXXXK6XB	55.88	58.92
48	FFH25405-D48SXXXXK6XB	58.42	61.46
50	FFH25405-D50SXXXXK6XB	60.96	64.00
52	FFH25405-D52SXXXXK6XB	63.50	66.54
54	FFH25405-D54SXXXXK6XB	66.04	69.08
56	FFH25405-D56SXXXXK6XB	68.58	71.62
58	FFH25405-D58SXXXXK6XB	71.12	74.16
60	FFH25405-D60SXXXXK6XB	73.66	76.70
62	FFH25405-D62SXXXXK6XB	76.20	79.24
64	FFH25405-D64SXXXXK6XB	78.74	81.78
66	FFH25405-D66SXXXXK6XB	81.28	84.32
68	FFH25405-D68SXXXXK6XB	83.82	86.86
70	FFH25405-D70SXXXXK6XB	86.36	89.40
72	FFH25405-D72SXXXXK6XB	88.90	91.94
74	FFH25405-D74SXXXXK6XB	91.44	94.48
76	FFH25405-D76SXXXXK6XB	93.98	97.12
78	FFH25405-D78SXXXXK6XB	96.52	99.56
80	FFH25405-D80SXXXXK6XB	99.06	102.10

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 30/JAN/24	PART NO. FFH25405--DXXSXXXXK6XB	ITEM NO. FFH25405	 Building Technology Cornerstone	
		X. ±0.30	X.' ±5'	CHECKED BY	DATE	TITLE Board to Board (Female Header) Pitch 2.54mm 180° Vertical (DIP)			
DESIGN UNITS mm		X.X ±0.20	X.X' ±2"	GISELLE	30/JAN/24	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. 2/2
		X.XX ±0.15	X.XX' ±1'						
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5'	DRAWN BY NICK	DATE 30/JAN/24				