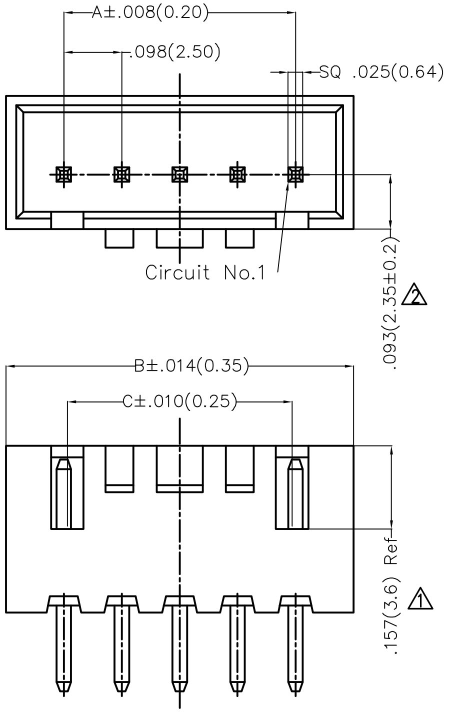
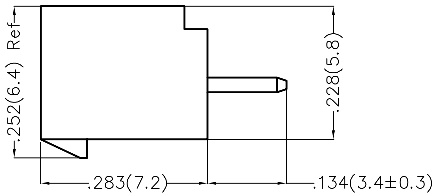
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	⚠1	Dimensional tolerance change	21/JUL/23	MATT	LEO
2	⚠2	1:Update the structure of 2Circuits 2:Update dimensions and tolerances 3:Increase the value of "C"	14/DEC/23	MATT	LEO



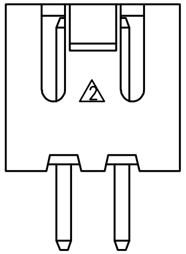
5−13Circuits



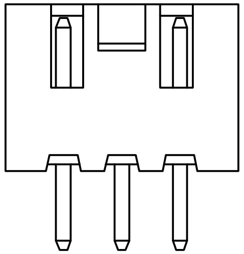
Electrical
- Current Rating: 3.0A AC(rms)/DC
- Voltage Rating: 250V AC(rms)/DC
- Contact Resistance: 20 mΩ Max
- Insulation Resistance: 1000 MΩ MIN
- Withstanding Voltage: 1000V AC r.m.s
- Temperature Range−Operating: −25°C～+85°C

Material and Plating
- Housing: PA66(UL 94V−0)
- Contact Pin: Brass
- Plating: Tin Plated

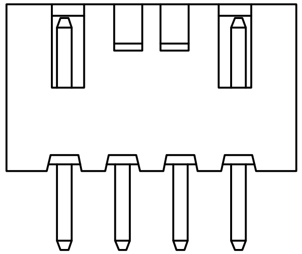
Mates With(Housing): FHG25006 Series



2Circuits



3Circuits



4Circuits

Ordering Information

FWF	250	12	—	S	XX	S	2	2	XX	B
1	2	3		4	5	6	7	8	9	10

1 Category: FWF−Wafer

2 Series Number: 250−Pitch2.5mm

3 Distinction No.: 12

4 Row Option: S−Single Row

5 Circuits: XX

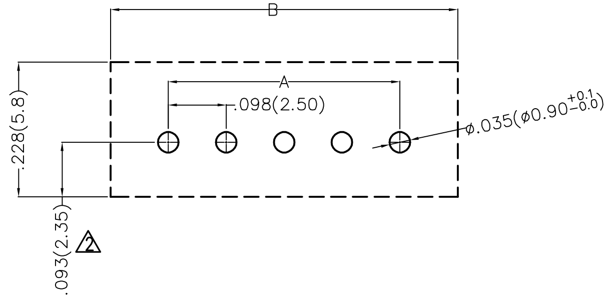
6 Entry Angle: S−180° Vertical

7 Plating: 2−Tin Plated

8 Material−Resin: 2−PA66

9 Color−Resin:
W1−White R1−Red
K6−Black N1−Green
U1−Blue ...

10 Packaging: B−PE Bag



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/MAY/14	PART NO. FWF25012−SXXS22XXB
	X.±.012(0.30)	X.°±5°	CHECKED BY CHERRY	DATE 01/MAY/14	ITEM NO. FWF25012
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X°±2°	DRAWN BY JACOB	DATE 01/MAY/14	TITLE Wire to Board (Wafer) Pitch 2.5mm 180° Vertical (DIP)
SCALE 5:1 / SIZE A4	X.XX±.006(0.15)	.XX°±1°			REV 2 / SHEET NO. 1/2
	X.XXX±.004(0.10)	.XXX°±0.5°			

TXGA
Building Technology Cornerstone

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C △2
2	FWF25012-S02S22W1B	.098(2.50)	.295(7.50)	.134(3.40)
3	FWF25012-S03S22W1B	.197(5.00)	.394(10.00)	.185(4.70)
4	FWF25012-S04S22W1B	.295(7.50)	.492(12.50)	.283(7.20)
5	FWF25012-S05S22W1B	.394(10.00)	.591(15.00)	.382(9.70)
6	FWF25012-S06S22W1B	.492(12.50)	.689(17.50)	.480(12.20)
7	FWF25012-S07S22W1B	.591(15.00)	.787(20.00)	.579(14.70)
8	FWF25012-S08S22W1B	.689(17.50)	.886(22.50)	.677(17.20)
9	FWF25012-S09S22W1B	.787(20.00)	.984(25.00)	.776(19.70)
10	FWF25012-S10S22W1B	.886(22.50)	1.083(27.50)	.874(22.20)
11	FWF25012-S11S22W1B	.984(25.00)	1.181(30.00)	.972(24.70)
12	FWF25012-S12S22W1B	1.083(27.50)	1.024(32.50)	1.071(27.20)
~~13~~	~~FWF25012-S13S22W1B~~	~~1.181(30.00)~~	~~1.378(35.00)~~	~~1.169(29.70)~~

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY FRANK	DATE 01/MAY/14	PART NO. FWF25012-SXXS22XXB	ITEM NO. FWF25012
DESIGN UNITS Inch (metric)	X.±.012(0.30) X.°±5° X.X±.008(0.20) .X°±2° X.XX±.006(0.15) .XX°±1° X.XXX±.004(0.10) .XXX°±0.5°	CHECKED BY CHERRY	DATE 01/MAY/14	TITLE Wire to Board (Wafer) Pitch 2.5mm 180° Vertical (DIP)	TXGA Building Technology Cornerstone
SCALE 5:1	SIZE A4	DRAWN BY JACOB	DATE 01/MAY/14	REV 2	SHEET NO. 2/2