

0.5 mm Pitch Rotary Lock Type – XF2L

Table of Dimensions

Poles	Model	A	B	C	D	E	F	G	H
4	XF2L-0425-1A	1.5	5.9	6.9	2.6	5.88	6.88	5.28	7.28
6	XF2L-0625-1A	2.5	6.9	7.9	3.6	6.88	7.88	6.28	8.28
7	XF2L-0725-1A	3.0	7.4	8.4	4.1	7.38	8.38	6.78	8.78
8	XF2L-0825-1A	3.5	7.9	8.9	4.6	7.88	8.88	7.28	9.28
9	XF2L-0925-1A	4.0	8.4	9.4	5.1	8.38	9.38	7.78	9.78
10	XF2L-1025-1A	4.5	8.9	9.9	5.6	8.88	9.88	8.28	10.28
12	XF2L-1225-1A	5.5	9.9	10.9	6.6	9.88	10.88	9.28	11.28
13	XF2L-1325-1A	6.0	10.4	11.4	7.1	10.38	11.38	9.78	11.78
18	XF2L-1825-1A	8.5	12.9	13.9	9.6	12.88	13.88	12.28	14.28
21	XF2L-2125-1A	10.0	14.4	15.4	11.1	14.38	15.38	13.78	15.78
26	XF2L-2625-1A	12.5	16.9	17.9	13.6	16.88	17.88	16.28	18.28
30	XF2L-3025-1A	14.5	18.9	19.9	15.6	18.88	19.88	18.28	20.28

Upper Contact Type

Lower Contact Type

Poles	Model	A	B	C	D	E	F	G	H
5	XF2L-0535-1A	2.0	6.4	7.4	3.1	6.38	7.38	5.78	7.78
6	XF2L-0635-1A	2.5	6.9	7.9	3.6	6.88	7.88	6.28	8.28
7	XF2L-0735-1A	3.0	7.4	8.4	4.1	7.38	8.38	6.78	8.78
8	XF2L-0835-1A	3.5	7.9	8.9	4.6	7.88	8.88	7.28	9.28
10	XF2L-1035-1A	4.5	8.9	9.9	5.6	8.88	9.88	8.28	10.28
12	XF2L-1235-1A	5.5	9.9	10.9	6.6	9.99	10.88	9.28	11.28
13	XF2L-1335-1A	6.0	10.4	11.4	7.1	10.38	11.38	9.78	11.78
15	XF2L-1535-1A	7.0	11.4	12.4	8.1	11.38	12.38	10.78	12.78
18	XF2L-1835-1A	8.5	12.9	13.9	9.6	12.88	13.88	12.28	14.28
19	XF2L-1935-1A	9.0	13.4	14.4	10.1	13.38	14.38	12.78	14.78
20	XF2L-2035-1A	9.5	13.9	14.9	10.6	13.88	14.88	13.28	15.28
22	XF2L-2235-1A	10.5	14.9	15.9	11.6	14.88	15.88	14.28	16.28
24	XF2L-2435-1A	11.5	15.9	16.9	12.6	15.88	16.88	15.28	17.28
30	XF2L-3035-1A	14.5	18.9	19.9	15.6	18.88	19.88	18.28	20.28

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CAT NO. G913-E2-01

0.5 mm pitch - Rotary Backlock Type – XF2M

Rotary lock achieves high reliability and superior work efficiency



- Short body with depth of 5.9mm (with slider closed).
- Double-sided (upper and lower) contact structure enables component reductions.
- Applicable FPC thickness, t = 0.3mm.

Specifications

Rated Current	0.5A AC/DC
Rated Voltage	50V AC/DC
Contact resistance	50 mΩ max. (at 20 mV, max. 100 mA max.)
Insulation resistance	100 MΩ min. (at 250 VDC)
Withstand voltage	250V AC 1 min. (leakage current: 1 mA max.)
Insertion tolerance	20 times
Ambient temperature	-30 to +85°C (with no icing or condensation)

Materials/Finish

Housing	LCP resin (UL94V-0)/natural
Slider	LCP resin (UL94V-0)/black
Contact	Spring copper alloy/nickel substrate (2 μm), gold plated contacts (0.15 μm)
Hold Down	Spring copper alloy/fused tin plating (1.5 μm)

Ordering Information

Pin	Model (see note 1)	Quantity per reel
10	XF2M-1015-1A	1500
12	XF2M-1215-1A	
14	XF2M-1415-1A	
18	XF2M-1815-1A	
20	XF2M-2015-1A	
22	XF2M-2215-1A	
24	XF2M-2415-1A	
26	XF2M-2615-1A	
30	XF2M-3015-1A	
32	XF2M-3215-1A	
33	XF2M-3315-1A	
34	XF2M-3415-1A	
35	XF2M-3515-1A	
36	XF2M-3615-1A	
38	XF2M-3815-1A	
40	XF2M-4015-1A	
42	XF2M-4215-1A	
45	XF2M-4515-1A	
50	XF2M-5015-1A	
55	XF2M-5515-1AH†	
60	XF2M-6015-1AH†	

Note 1: According to the stated specifications, the aperture at the end of the unit shall be plated.

†: Gold-plated (lead-free)

(W) x 6.2 D x 2.1 H

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Connectors

0.5 mm pitch - Rotary Backlock Type - XF2M

Dimensions

XF2M-□□15-1F

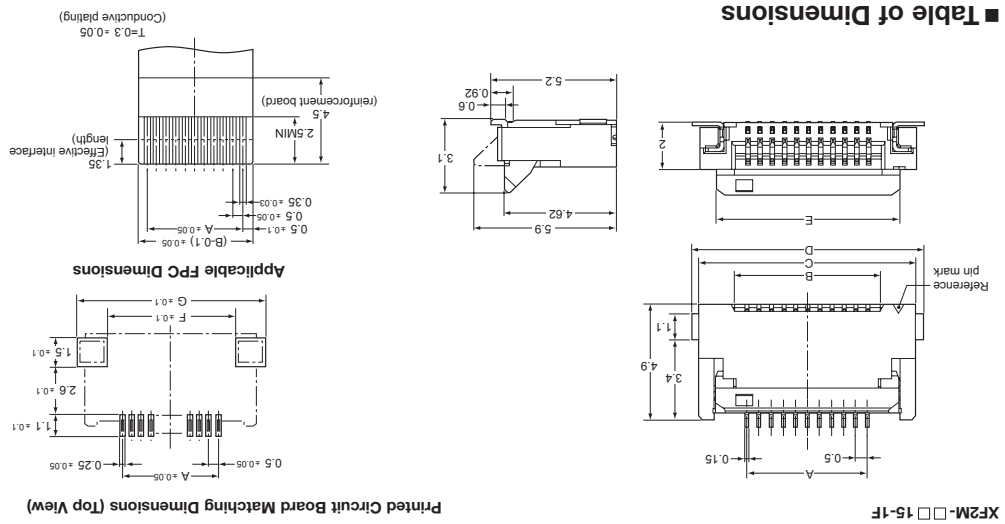


Table of Dimensions

Pin# (see note 1) Model (see note 2)

10	XF2M-1015-1A	4.5	5.6	8.5	9.1	7.1	6.1	9.5
12	XF2M-1215-1A	5.5	6.6	9.5	10.1	8.1	7.1	10.5
14	XF2M-1415-1A	6.5	7.6	10.5	11.1	9.1	8.1	11.5
18	XF2M-1815-1A	8.5	9.6	12.5	13.1	11.1	10.1	13.5
20	XF2M-2015-1A	9.5	10.6	13.5	14.1	12.1	11.1	14.5
22	XF2M-2215-1A	10.5	11.6	14.5	15.1	13.1	12.1	15.5
24	XF2M-2415-1A	11.5	12.6	15.5	16.1	14.1	13.1	16.5
26	XF2M-2615-1A	12.5	13.6	16.5	17.1	15.1	14.1	17.5
30	XF2M-3015-1A	14.5	15.6	18.5	19.1	17.1	16.1	19.5
32	XF2M-3215-1A	15.5	16.6	19.5	20.1	18.1	17.1	20.5
33	XF2M-3315-1A	16.0	17.1	20.0	20.6	18.6	17.6	21.0
34	XF2M-3415-1A	16.5	17.6	20.5	21.1	19.1	18.1	21.5
35	XF2M-3515-1A	17.0	18.1	21.0	21.6	19.6	18.6	22.0
36	XF2M-3615-1A	17.5	18.6	21.5	22.1	20.1	19.1	22.5
38	XF2M-3815-1A	18.5	19.6	22.5	23.1	21.1	20.1	23.5
40	XF2M-4015-1A	19.5	20.6	23.5	24.1	22.1	21.1	24.5
42	XF2M-4215-1A	20.5	21.6	24.5	25.1	23.1	22.1	25.5
45	XF2M-4515-1A	22.0	23.1	26.0	26.6	24.6	23.6	27.0
50	XF2M-5015-1A	24.5	25.6	28.5	29.1	27.1	26.1	29.5
55	XF2M-5515-1AH	27.0	28.1	31.0	31.6	29.6	28.6	32.0
60	XF2M-6015-1AH	29.5	30.6	33.5	34.1	32.1	31.1	34.5

ALL DIMENSIONS SHOWN ARE IN MILLIMETRES.
To convert millimetres into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

Note 1: According to the stated specifications, the aperture at the end of the unit shall be plated.
A: Gold-plated (lead-free)

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CAT NO. G914-E2-02

0.5 mm Pitch - ZIF Slide Type - XF2J

Top-entry ZIF Connector



- Slider achieves secure locking.
- Low-profile, protruding only 4.15 mm on the PCB.
- Adhesion face on top of the connector suits automatic mounting.
- Models with reverse terminal arrangement also available.
- Applicable FPC thickness, $t = 0.3 \text{ mm}$.

Specifications

Rated Current	0.5A AC/DC
Rated Voltage	50 V AC/DC
Contact resistance	30 mΩ max. (at 20 mV, 100 mA)
Insulation resistance	100 MΩ min. (at 250 VDC)
Withstand voltage	250 VAC 1 min. (leakage current: 1 mA max.)
Insertion tolerance	30 times
Ambient temperature	-30 to +85°C (No condensation at low temperatures.)

Materials/Finish

Housing	PA46 resin (UL94V-0)/natural
Slider	PPS resin (UL94V-0)/black, LCP resin (UL94V-0)/black
Contact	Spring copper-alloy/nickel substrate (2 μm) gold plated contacts (0.15 μm)
Hold Down	Spring copper-alloy/fused-tin plating (1.5 μm)

Ordering Information

Quantity per reel*	Model	Standard Terminal Arrangement	Reverse Terminal Arrangement
6	XF2J-0624-11A	XF2J-0624-11A	XF2J-0624-12A
8	XF2J-0824-11A	XF2J-0824-11A	XF2J-0824-12A
10	XF2J-1024-11A	XF2J-1024-11A	XF2J-1024-12A
12	XF2J-1224-11A	XF2J-1224-11A	XF2J-1224-12A
14	XF2J-1424-11A	XF2J-1424-11A	-
16	XF2J-1624-11A	XF2J-1624-11A	XF2J-1624-12A
18	XF2J-1824-11A	XF2J-1824-11A	XF2J-1824-12A
20	XF2J-2024-11A	XF2J-2024-11A	XF2J-2024-12A
22	XF2J-2224-11A	XF2J-2224-11A	XF2J-2224-12A
24	XF2J-2424-11A	XF2J-2424-11A	XF2J-2424-12A
26	XF2J-2624-11A	XF2J-2624-11A	-
28	XF2J-2824-11A	XF2J-2824-11A	-
30	XF2J-3024-11A	XF2J-3024-11A	-
40	-	XF2J-4024-11A	XF2J-4024-12A

Note 1: According to the stated specifications, the aperture at the end of the unit shall be plated.
A: Gold-plated (lead-free)

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