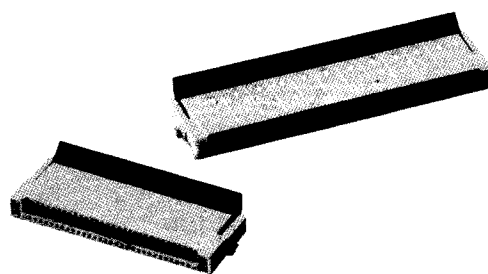


Standard Rotary Backlock Type (0.5 mm-pitch)

XF2H

New rotary lock concept achieves high reliability and superior work efficiency.

- The unique rotary lock construction significantly improves work efficiency during FPC mounting.
- Double-sided contacts maintain a stable contact force.
Discrimination between FPC upper and lower contacts is unnecessary.
- Applicable FPC thickness, $t = 0.3 \text{ mm}$.



Specifications

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

Materials/Finish

Housing	PA6T resin (UL94V-0)/natural
Slider	LCP resin (UL94V-0)/black
Contact	Spring copper alloy/nickel substrate (2 μm), tin-alloy plating (2 μm)
Hold-down	Spring copper alloy/fused-tin plating (1.5 μm)

Dimensions

XF2H-□□ 15-1LW

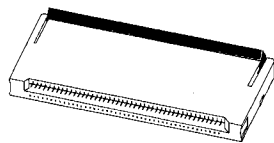
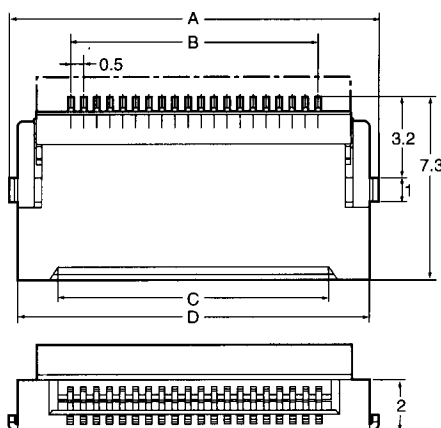
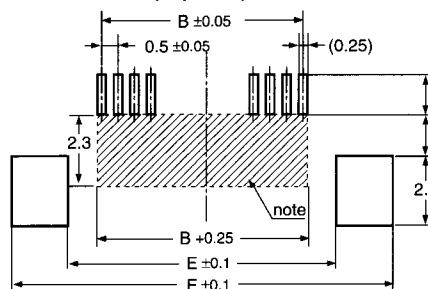


Table of Dimensions

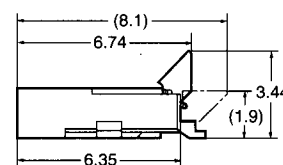
Pins	Model	A	B	C	D	E	F
10	XF2H-1015-1LW	9.1	4.5	5.6	8.5	6.5	10.1
12	XF2H-1215-1LW	10.1	5.5	6.6	9.5	7.5	11.1
13	XF2H-1315-1LW	10.6	6.0	7.1	10.0	8.0	11.6
14	XF2H-1415-1LW	11.1	6.5	7.6	10.5	8.5	12.1
18	XF2H-1815-1LW	13.1	8.5	9.6	12.5	10.5	14.1
20	XF2H-2015-1LW	14.1	9.5	10.6	13.5	11.5	15.1
21	XF2H-2115-1LW	14.6	10.0	11.1	14.0	12.0	15.6
22	XF2H-2215-1LW	15.1	10.5	11.6	14.5	12.5	16.1
24	XF2H-2415-1LW	16.1	11.5	12.6	15.5	13.5	17.1
25	XF2H-2515-1LW	16.6	12.0	13.1	16.0	14.0	17.6
26	XF2H-2615-1LW	17.1	12.5	13.6	16.5	14.5	18.1
28	XF2H-2815-1LW	18.1	13.5	14.6	17.5	15.5	19.1
30	XF2H-3015-1LW	19.1	14.5	15.6	18.5	16.5	20.1
32	XF2H-3215-1LW	20.1	15.5	16.6	19.5	17.5	21.1
33	XF2H-3315-1LW	20.6	16.0	17.1	20.0	18.0	21.6
34	XF2H-3415-1LW	21.1	16.5	17.6	20.5	18.5	22.1
35	XF2H-3515-1LW	21.6	17.0	18.1	21.0	19.0	22.6
36	XF2H-3615-1LW	22.1	17.5	18.6	21.5	19.5	23.1
38	XF2H-3815-1LW	23.1	18.5	19.6	22.5	20.5	24.1
40	XF2H-4015-1LW	24.1	19.5	20.6	23.5	21.5	25.1
42	XF2H-4215-1LW	25.1	20.5	21.6	24.5	22.5	26.1
45	XF2H-4515-1LW	26.6	22.0	23.1	26.0	24.0	27.6
50	XF2H-5015-1LW	29.1	24.5	25.6	28.5	26.5	30.1
53	XF2H-5315-1LW	30.6	26.0	27.1	30.0	28.0	31.6



Printed Circuit Board Matching Dimensions
(Top View)



note
Pattern-prohibited Area
If there is a pattern or via hole in this area, a short-circuit may occur in the terminals.



Applicable FPC Dimensions

