

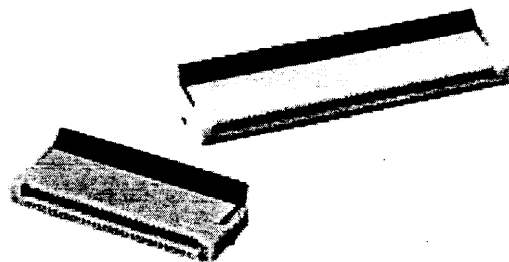
307-8334

0.5 mm-pitch Rotary-lock Type

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.
- Low-profile, protruding only 2 mm on the PCB.



Specifications

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

Materials/Finish

Housing	PA46 resin (UL94V-0)/natural
Slider	LCP resin (UL94V-0)/black
Contact	Copper-alloy/nickel spring substrate (2 μm) plated with tin alloy (2 μm)
Hold-down	Copper-alloy/copper substrate (2 μm) plated with tin alloy (2 μm)

Dimensions

XF2H-□□15-1

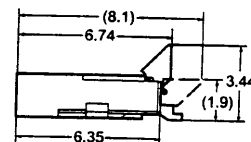
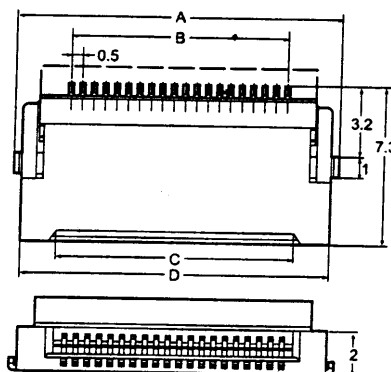
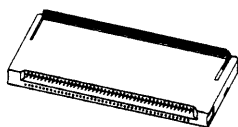
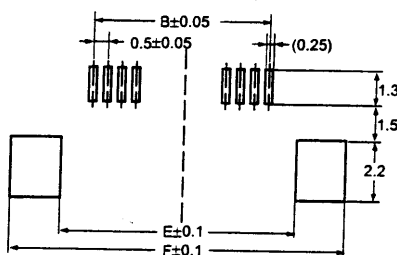


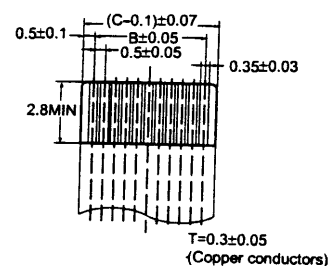
Table of Dimensions

Poles	Model	A	B	C	D	E	F
10	XF2H-1015-1	9.1	4.5	5.6	8.5	6.5	10.1
20	XF2H-2015-1	14.1	9.5	10.6	13.5	11.5	15.1
24	XF2H-2415-1	16.1	11.5	12.6	15.5	13.5	17.1
30	XF2H-3015-1	19.1	14.5	15.6	18.5	16.5	20.1
35	XF2H-3515-1	21.6	17.0	18.1	21.0	19.0	22.6
40	XF2H-4015-1	24.1	19.5	20.6	23.5	21.5	25.1
45	XF2H-4515-1	26.6	22.0	23.1	26.0	24.0	27.6
50	XF2H-5015-1	29.1	24.5	25.6	28.5	26.5	30.1

Printed Circuit Board Matching Dimensions (Top View)



Applicable FPC Dimensions



Ordering Information

Poles	Model	Quantity per reel*
10	XF2H-1015-1	1,500
20	XF2H-2015-1	
24	XF2H-2415-1	
30	XF2H-3015-1	
35	XF2H-3515-1	
40	XF2H-4015-1	
45	XF2H-4515-1	
50	XF2H-5015-1	

* Order an integer multiple of the quantity per reel.

309-1491 TO 309-1569.