ZIF Slide-locking Connector (0.5-mm pitch)

Greater Freedom of Board Design with Smallest On-board Area in Industry

- Smallest on-board area and volume in the industry.
- Low on-board profile of only 1.2 mm max.
- Bottom wall prevents terminal exposure.
- Applicable FPC thickness of 0.3 mm.
- Halogen Free (See note)

Note: OMRON uses the following standard to determine halogenfree construction: 900 ppm max. for Br, 900 ppm max. for Cl, and 1,500 ppm max. for Br+Cl.

• RoHS Compliant.



Ordering Information

Upper Contact

Pins	Model	Qty per reel (See Note)
4	XF2L-0425-1A	3,000
6	XF2L-0625-1A	
7	XF2L-0725-1A	
8	XF2L-0825-1A	
9	XF2L-0925-1A	
10	XF2L-1025-1A	
12	XF2L-1225-1A	
13	XF2L-1325-1A	
18	XF2L-1825-1A	
21	XF2L-2125-1A	
26	XF2L-2625-1A	
30	XF2L-3025-1A	

Lower Contact

Pins	Model	Qty per reel (See Note)
5	XF2L-0535-1A	3,000
6	XF2L-0635-1A	
7	XF2L-0735-1A	
8	XF2L-0835-1A	
10	XF2L-1035-1A	
12	XF2L-1235-1A	
13	XF2L-1335-1A	
15	XF2L-1535-1A	
18	XF2L-1835-1A	
19	XF2L-1935-1A	
20	XF2L-2035-1A	
22	XF2L-2235-1A	
24	XF2L-2435-1A	
30	XF2L-3035-1A	

Note: Please order by integer multiple of the quantity per reel.

Ratings and Specifications

■ Characteristics

Rated current	0.5A AC/DC				
Rated voltage	50V AC/DC				
Contact resistance	30 m Ω max. (at 20 mV DC max., 100 mA max.)				
Insulation resistance	100 MΩ min. (at 250 VDC)				
Withstand voltage	250 VAC 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 and Finish

Mo	del XF2L - Upper contact type	XF2L - Lower contact type			
Housing	LCP resin (UL94V-0)/natural				
Slider	LCP resin (UL94V-0)/black	LCP resin (UL94V-0)/brown			
Contacts	Spring copper alloy/nickel substrate (2 μm),	Spring copper alloy/nickel substrate (2 μm), Gold-plated contacts (0.15 μm)			
Hold-down	Spring copper alloy/fused-tin plating (1.5 μm)				

Dimensions

Unit: mm XF2L-□□□5-1A

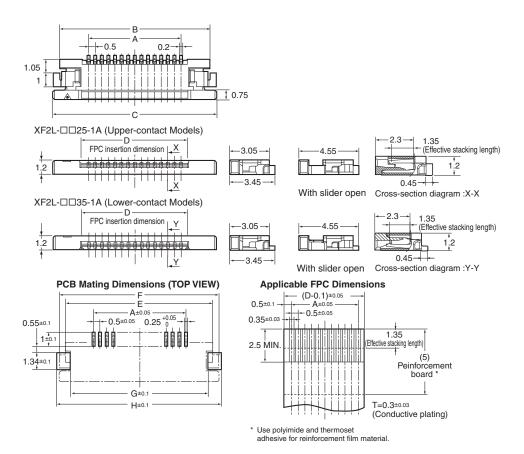


Table of Dimensions

Pins	Upper Contact	Lower Contact	Α	В	С	D	E	F	G	Н
4	XF2L-0425-1A		1.5	5.9	6.9	2.6	5.88	6.88	5.28	7.28
5		XF2L-0535-1A	2.0	6.4	7.4	3.1	6.38	7.38	5.78	7.78
6	XF2L-0625-1A	XF2L-0635-1A	2.5	6.9	7.9	3.6	6.88	7.88	6.28	8.28
7	XF2L-0725-1A	XF2L-0735-1A	3.0	7.4	8.4	4.1	7.38	8.38	6.78	8.78
8	XF2L-0825-1A	XF2L-0835-1A	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	XF2L-1035-1A	4.5	8.9	9.9	5.6	8.88	9.88	8.28	10.28
12	XF2L-1225-1A	XF2L-1235-1A	5.5	9.9	10.9	6.6	9.88	10.88	9.28	11.28
13	XF2L-1325-1A	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-1825-1A	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
21	XF2L-2125-1A		10.0	14.4	15.4	11.1	14.38	15.38	13.78	15.78
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
26	XF2L-2625-1A		12.5	16.9	17.9	13.6	16.88	17.88	16.28	18.28
30	XF2L-3025-1A	XF2L-3035-1A	14.5	18.9	19.9	15.6	18.88	19.88	18.28	20.28

Omron Electronic Components, LLC

Terms and Conditions of Sales

I. GENERAL

Definitions: The words used herein are defined as follows.

Terms: These terms and conditions

Seller: Omron Electronic Components LLC and its subsidiaries (b)

The buyer of Products, including any end user in section III through VI Buyer: (c)

Products: Products and/or services of Seller Including: Including without limitation

- Offer: Acceptance: These Terms are deemed part of all quotations, acknowledgments, invoices, purchase orders and other documents, whether electronic or in writing, relating to the sale of Products by Seller. Seller hereby objects to any Terms proposed in Buyer's purchase order or other documents which are inconsistent with, or in addition to, these
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Delivery and shipping dates are estimates only; and

- Seller will package Products as it deems proper for protection against normal handling and extra charges apply to special conditions.
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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

OMRON OMRON ELECTRONIC COMPONENTS LLC

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Cat. No. X304-E-1

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