



THE DATASHEET OF
XF2J-0624-11

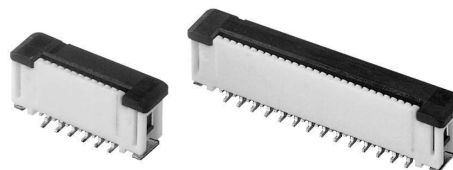


ZIF Slide-locking Type (0.5 mm-pitch)

XF2J

Top-entry ZIF Connector

- Low on-board profile of only 4.15 mm.
- Adhesion face on top of the connector suits automatic mounting.
- Models with reverse terminal arrangement also available.
- Applicable FPC thickness, $t = 0.3$ mm.
- RoHS Compliant.



Ordering Information

Pins (Note 1)	Quantity per reel (Note 2)	Model	
		Standard terminal arrangement	Reverse terminal arrangement
6	1,000	XF2J-0624-11	XF2J-0624-12
8		XF2J-0824-11	XF2J-0824-12
10		XF2J-1024-11	XF2J-1024-12
12		XF2J-1224-11	XF2J-1224-12
14		XF2J-1424-11	—
16		XF2J-1624-11	XF2J-1624-12
18		XF2J-1824-11	XF2J-1824-12
20		XF2J-2024-11	XF2J-2024-12
22		XF2J-2224-11	XF2J-2224-12
24		XF2J-2424-11	XF2J-2424-12
26		XF2J-2624-11	—
28		XF2J-2824-11	—
30		XF2J-3024-11	—

- Note:** 1. Consult your OMRON representative for enquiries related to pin-number and lead-free plating specifications.
2. Order an integer multiple of the quantity per reel.

Specifications

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

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 (2μm), tin-alloy plating (2μm)
Hold-down	Spring copper alloy/fused-tin plating (1.5μm)

Dimensions

Unit: mm

XF2J-□□24-11

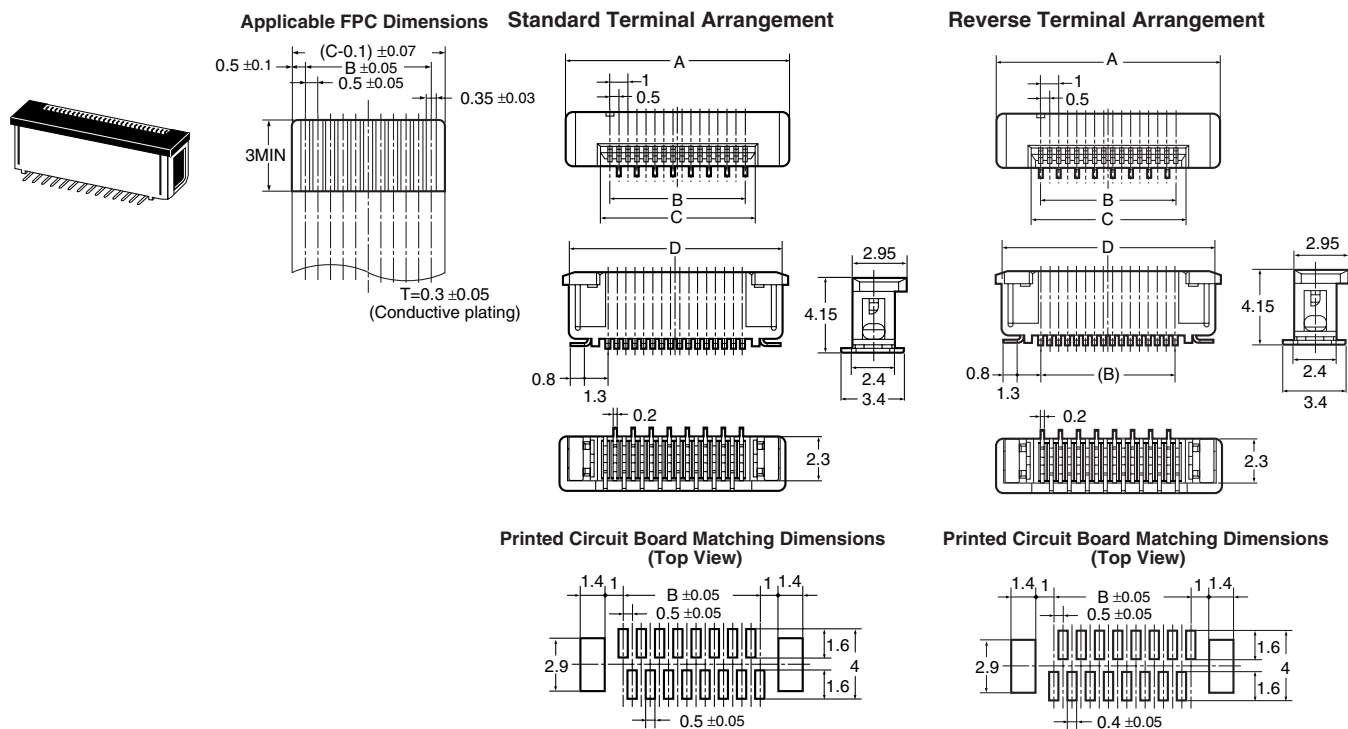
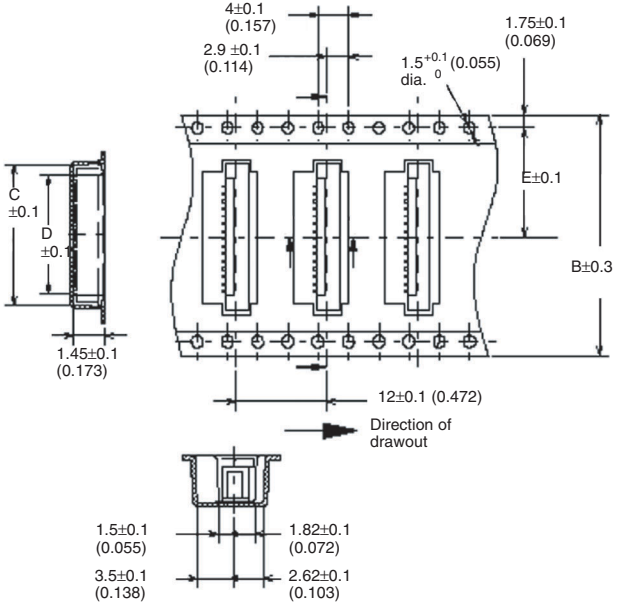
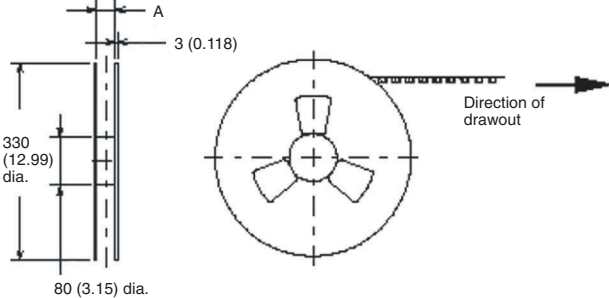


Table of Dimensions

Pins	Model		A	B	C	D
	Standard terminal arrangement	Reverse terminal arrangement				
6	XF2J-0624-11	XF2J-0624-12	7.5	2.5	3.6	6.9
8	XF2J-0824-11	XF2J-0824-12	8.5	3.5	4.6	7.9
10	XF2J-1024-11	XF2J-1024-12	9.5	4.5	5.6	8.9
12	XF2J-1224-11	XF2J-1224-12	10.5	5.5	6.6	9.9
14	XF2J-1424-11	—	11.5	6.5	7.6	10.9
16	XF2J-1624-11	XF2J-1624-12	12.5	7.5	8.6	11.9
18	XF2J-1824-11	XF2J-1824-12	13.5	8.5	9.6	12.9
20	XF2J-2024-11	XF2J-2024-12	14.5	9.5	10.6	13.9
22	XF2J-2224-11	XF2J-2224-12	15.5	10.5	11.6	14.9
24	XF2J-2424-11	XF2J-2424-12	16.5	11.5	12.6	15.9
26	XF2J-2624-11	—	17.5	12.5	13.6	16.9
28	XF2J-2824-11	—	18.5	13.5	14.6	17.9
30	XF2J-3024-11	—	19.5	14.5	15.6	18.9

■ Tape and Reel Dimensions



Omron Electronic Components, LLC

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

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