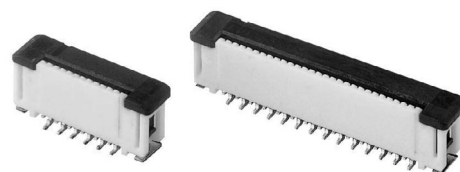


ZIF Slide-locking Connector (0.5-mm Pitch)

XF2J

Top-entry ZIF Connector

- Low on-board profile of only 4.15 mm.
- Vacuum contact surface on top of the connector for automatic mounting.
- Models with reverse terminal arrangement also available.
- Applicable FPC thickness of 0.3 mm.



■ Ratings and Specifications

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

Housing	PA46 resin (UL94V-0)/natural
Slider	PPS resin (UL94V-0)/black LCP resin (UL94V-0)/black
Contacts	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

XF2J-□□24-1□□

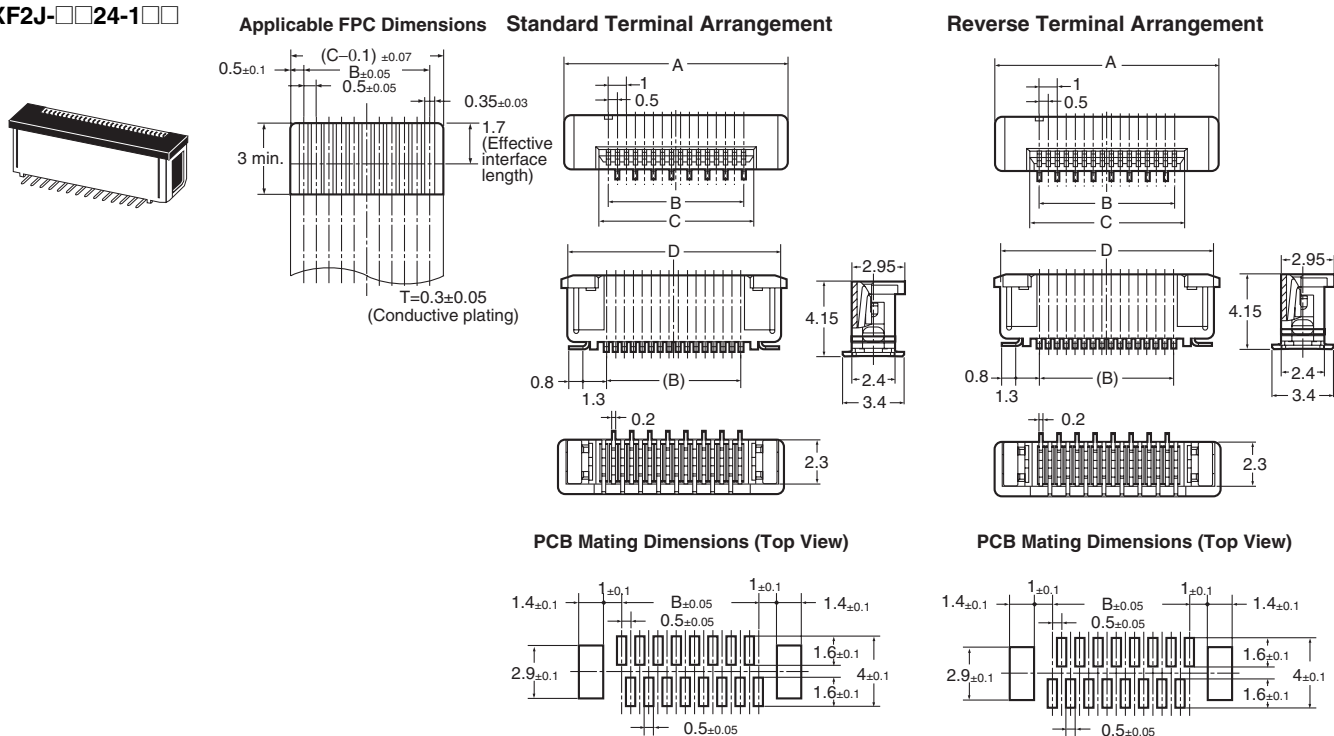


Table of Dimensions

Pins (See note 2.)	Model (See note 1.)		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

■ Ordering Information

Pins (See note 2.)	Model (See note 1.)		Quantity per reel (See note 3.)
	Standard Terminal Arrangement	Reverse Terminal Arrangement	
6	XF2J-0624-11□	XF2J-0624-12□	1,000
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. The symbol in the box at the end of the model number indicates the type of plating.
 A: Gold-plated (RoHS compliant).
2. Consult your OMRON representative for inquiries related to pin number specifications.
3. Order an integer multiple of the quantity per reel.
4. Consult your OMRON representative for inquiries about lead-free tin solder.
5. Solder plating (specified by -11 or -12 at the end of the model number) will end production March 2006.

RoHS Compliance and Pin Number Specifications

Refer to the following website for the latest information. <http://www.omron.co.jp/ecb/>