

# 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.



RoHS Compliant

## Ratings and Specifications

XF2J-□□24-1□A

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)

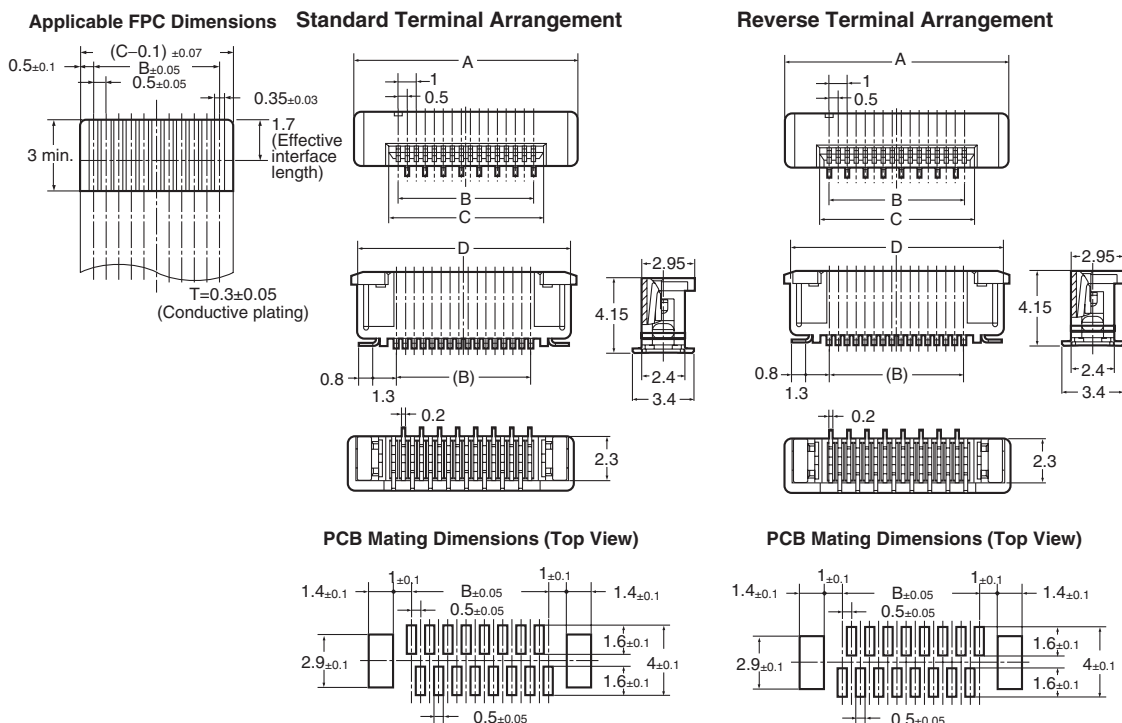
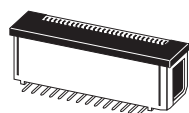
## Materials and Finish

XF2J-□□24-1□A

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	Pins (See note 2.)	Model (See note 1.)		A	B	C	D
	Standard Terminal Arrangement	Reverse Terminal Arrangement						Standard Terminal Arrangement	Reverse Terminal Arrangement				
6	XF2J-0624-11□	XF2J-0624-12□	7.5	2.5	3.6	6.9	20	XF2J-2024-11□	XF2J-2024-12□	14.5	9.5	10.6	13.9
8	XF2J-0824-11□	XF2J-0824-12□	8.5	3.5	4.6	7.9	22	XF2J-2224-11□	XF2J-2224-12□	15.5	10.5	11.6	14.9
10	XF2J-1024-11□	XF2J-1024-12□	9.5	4.5	5.6	8.9	24	XF2J-2424-11□	XF2J-2424-12□	16.5	11.5	12.6	15.9
12	XF2J-1224-11□	XF2J-1224-12□	10.5	5.5	6.6	9.9	26	XF2J-2624-11□	---	17.5	12.5	13.6	16.9
14	XF2J-1424-11□	---	11.5	6.5	7.6	10.9	28	XF2J-2824-11□	---	18.5	13.5	14.6	17.9
16	XF2J-1624-11□	XF2J-1624-12□	12.5	7.5	8.6	11.9	30	XF2J-3024-11□	---	19.5	14.5	15.6	18.9
18	XF2J-1824-11□	XF2J-1824-12□	13.5	8.5	9.6	12.9	---	---	---	---	---	---	---