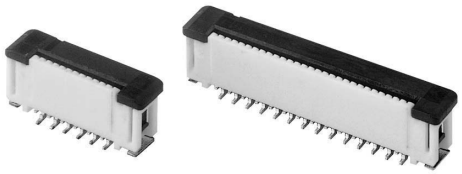
ZIF Slide-locking Connector (0.5 mm-pitch)
XF2J

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 of 0.3 mm.
- RoHS Compliant.



Ordering Information

Pins	Model		Quantity per reel (See Note)
	Standard terminal arrangement	Reverse terminal arrangement	
6	**XF2J-0624-11A**	**XF2J-0624-12A**	1,000
8	**XF2J-0824-11A**	**XF2J-0824-12A**	
10	**XF2J-1024-11A**	**XF2J-1024-12A**	
12	**XF2J-1224-11A**	**XF2J-1224-12A**	
14	**XF2J-1424-11A**	**- - -**	
16	**XF2J-1624-11A**	**XF2J-1624-12A**	
18	**XF2J-1824-11A**	**XF2J-1824-12A**	
20	**XF2J-2024-11A**	**XF2J-2024-12A**	
22	**XF2J-2224-11A**	**XF2J-2224-12A**	
24	**XF2J-2424-11A**	**XF2J-2424-12A**	
26	**XF2J-2624-11A**	**- - -**	
28	**XF2J-2824-11A**	**- - -**	
30	**XF2J-3024-11A**	**- - -**	
40	**- - -**	**XF2J-4024-12A**	

Note: Order an 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 mΩ max. (at 20 mV 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	30 times
Ambient operating temperature	-30 to 85°C (with no icing or condensation)

■ Materials and Finish

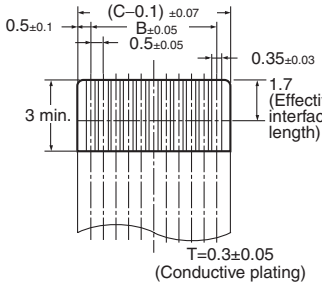
Housing	PA46 resin (UL94V-0)/natural
Slider	PPS resin (UL94V-0)/black LCP resin (UL94V-0)/black
Contacts	Spring copper alloy/nickel substrate (2 μm), Gold-plated contacts (0.15 μm)
Hold-down	Spring copper alloy/fused-tin plating (2 μm)

Dimensions

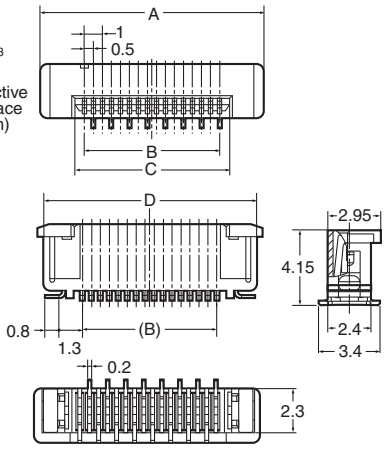
Unit: mm

XF2J-□□24-1□A

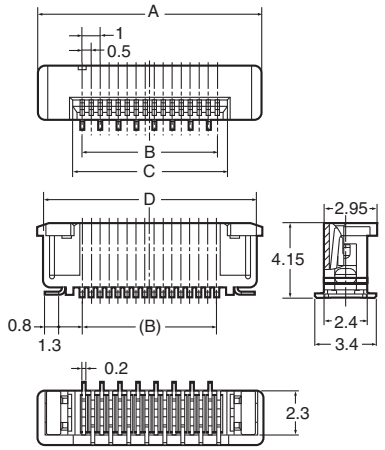
Applicable FPC Dimensions



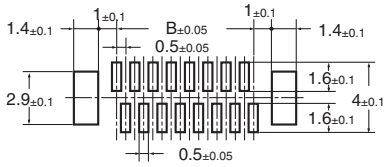
Standard Terminal Arrangement



Reverse Terminal Arrangement



PCB Mating Dimensions (Top View)



PCB Mating Dimensions (Top View)

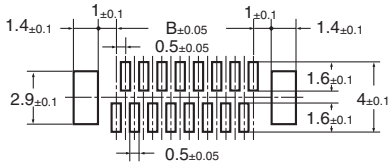
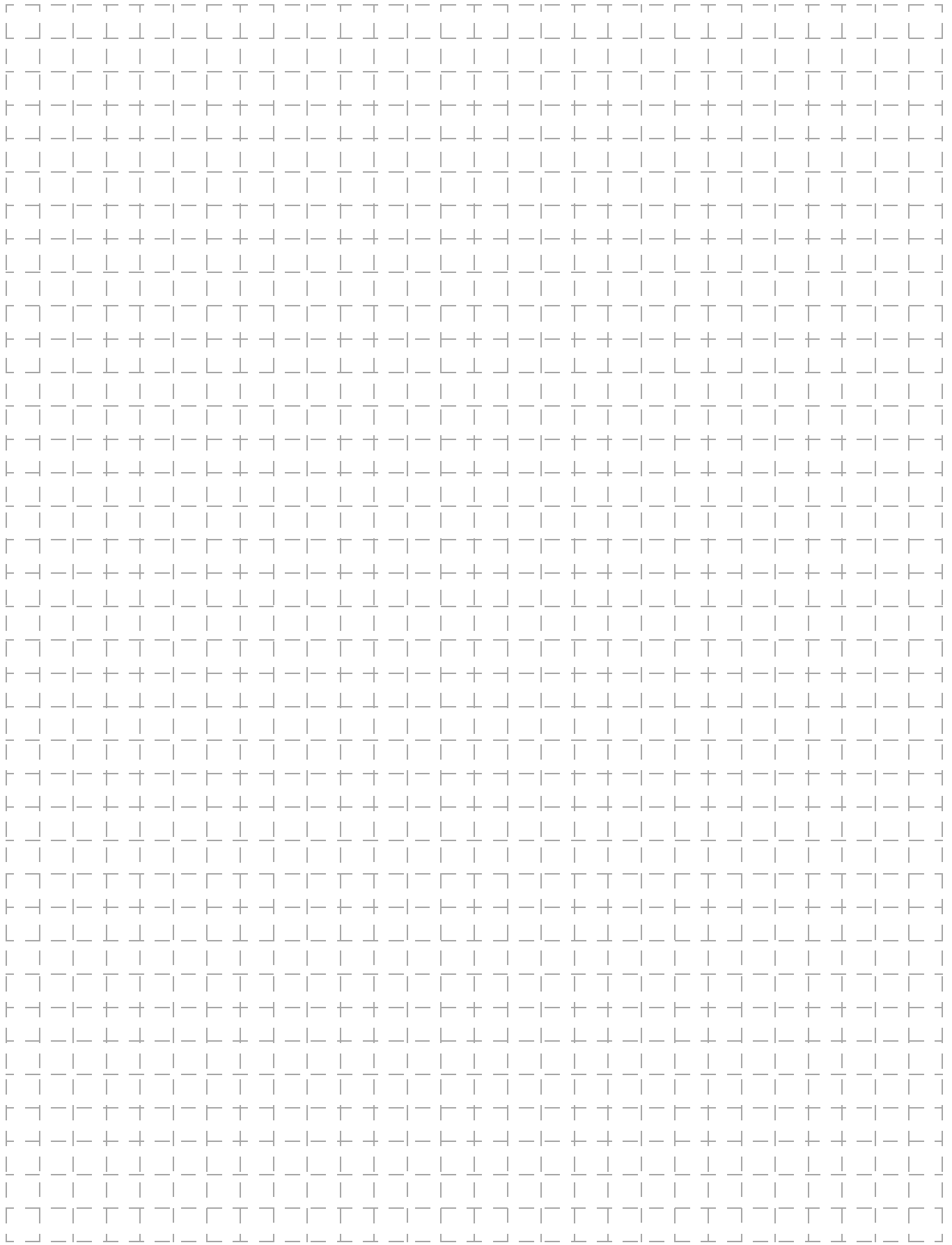


Table of Dimensions

Pins	Model		A	B	C	D
	Standard terminal arrangement	Reverse terminal arrangement				
6	**XF2J-0624-11A**	**XF2J-0624-12A**	7.5	2.5	3.6	6.9
8	**XF2J-0824-11A**	**XF2J-0824-12A**	8.5	3.5	4.6	7.9
10	**XF2J-1024-11A**	**XF2J-1024-12A**	9.5	4.5	5.6	8.9
12	**XF2J-1224-11A**	**XF2J-1224-12A**	10.5	5.5	6.6	9.9
14	**XF2J-1424-11A**	**- - -**	11.5	6.5	7.6	10.9
16	**XF2J-1624-11A**	**XF2J-1624-12A**	12.5	7.5	8.6	11.9
18	**XF2J-1824-11A**	**XF2J-1824-12A**	13.5	8.5	9.6	12.9
20	**XF2J-2024-11A**	**XF2J-2024-12A**	14.5	9.5	10.6	13.9
22	**XF2J-2224-11A**	**XF2J-2224-12A**	15.5	10.5	11.6	14.9
24	**XF2J-2424-11A**	**XF2J-2424-12A**	16.5	11.5	12.6	15.9
26	**XF2J-2624-11A**	**- - -**	17.5	12.5	13.6	16.9
28	**XF2J-2824-11A**	**- - -**	18.5	13.5	14.6	17.9
30	**XF2J-3024-11A**	**- - -**	19.5	14.5	15.6	18.9
40	**- - -**	**XF2J-4024-12A**	25.1	19.5	20.6	24.3

MEMO



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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.

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