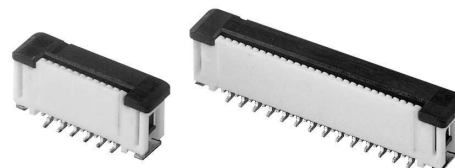


# ZIF Slide-locking Type (0.5 mm-pitch)

## 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<br>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

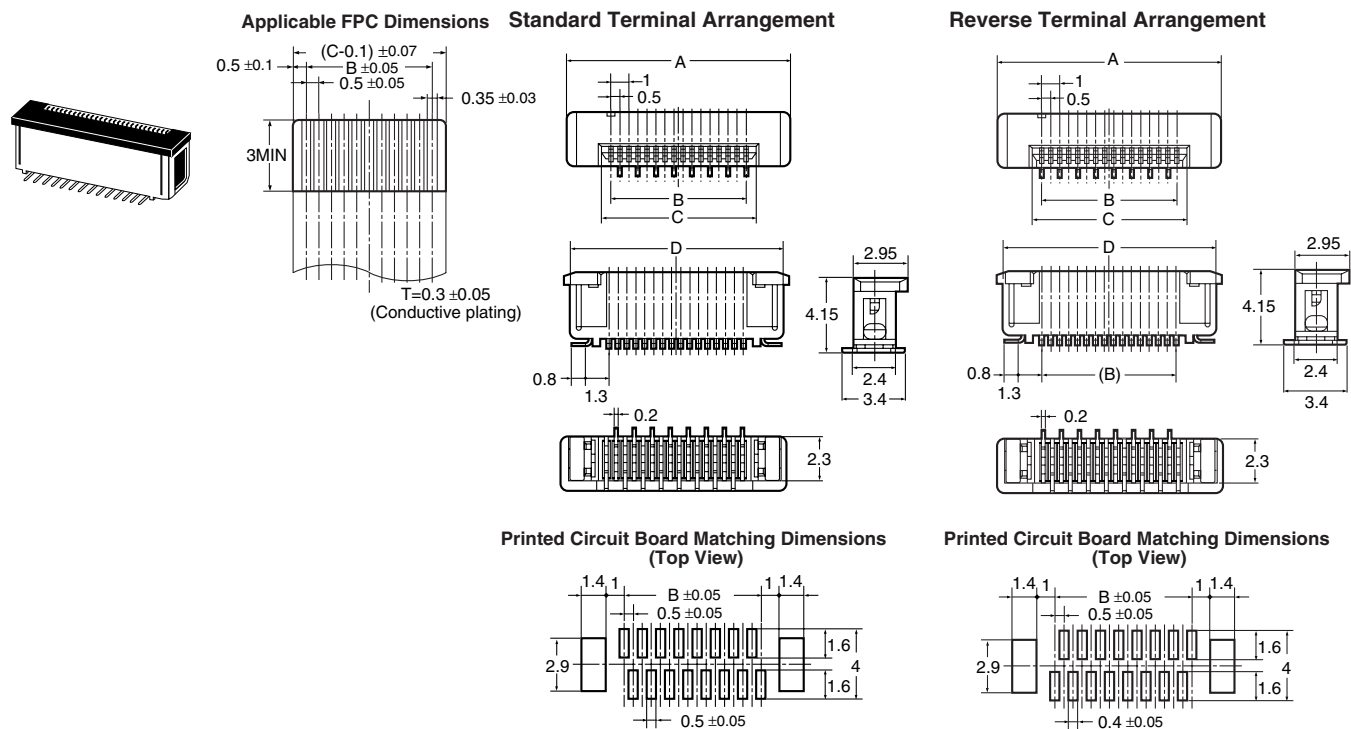
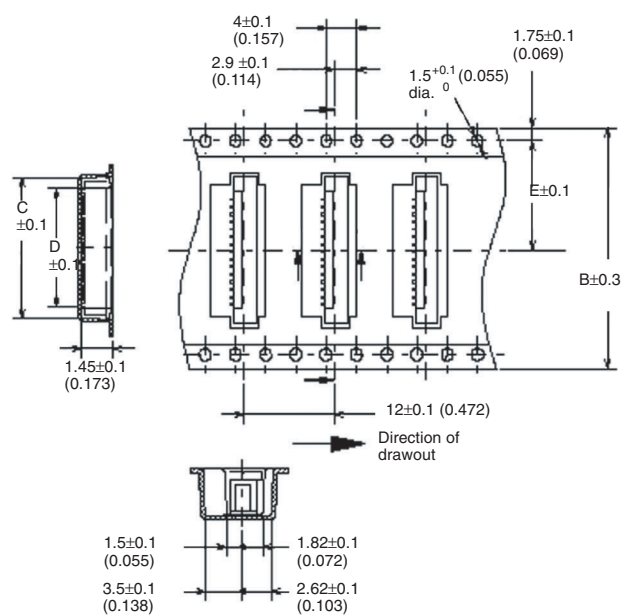
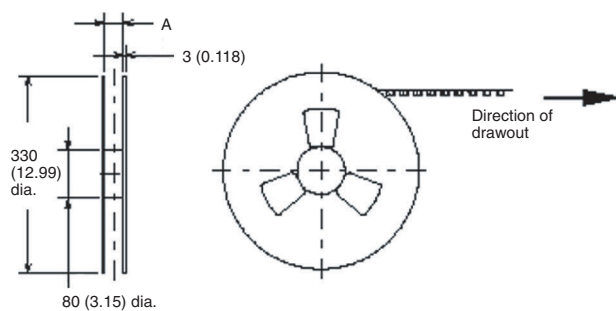


Table of Dimensions

| 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



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  - Including:** Including without limitation
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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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To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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