

Rotary Backlock Connector (0.5-mm Pitch, Double-sided Contact) XF2W

Rotary Backlock Mechanism with 0.5-mm Pitch and Low Profile of 1.1 mm

- Two models available: Ultra-slim connector with a depth of 3.5 mm and easy-operation connector with long slider.
- Double-sided contacts reduce the number of parts.
- Wide molding wall on the rear bottom of the connector allows greater freedom in board design.
- Applicable FPC thickness of 0.3 mm.
- RoHs Compliant



NEW

■ Ratings and Specifications

XF2W-□□15-1A/1AE

| | |
|--------------------------------------|---|
| Rated current | 0.5 A AC/DC |
| Rated voltage | 50 V AC/DC |
| Contact resistance | 60 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 | 20 times |
| Ambient operating temperature | -30 to 85° C (with no icing or condensation) |

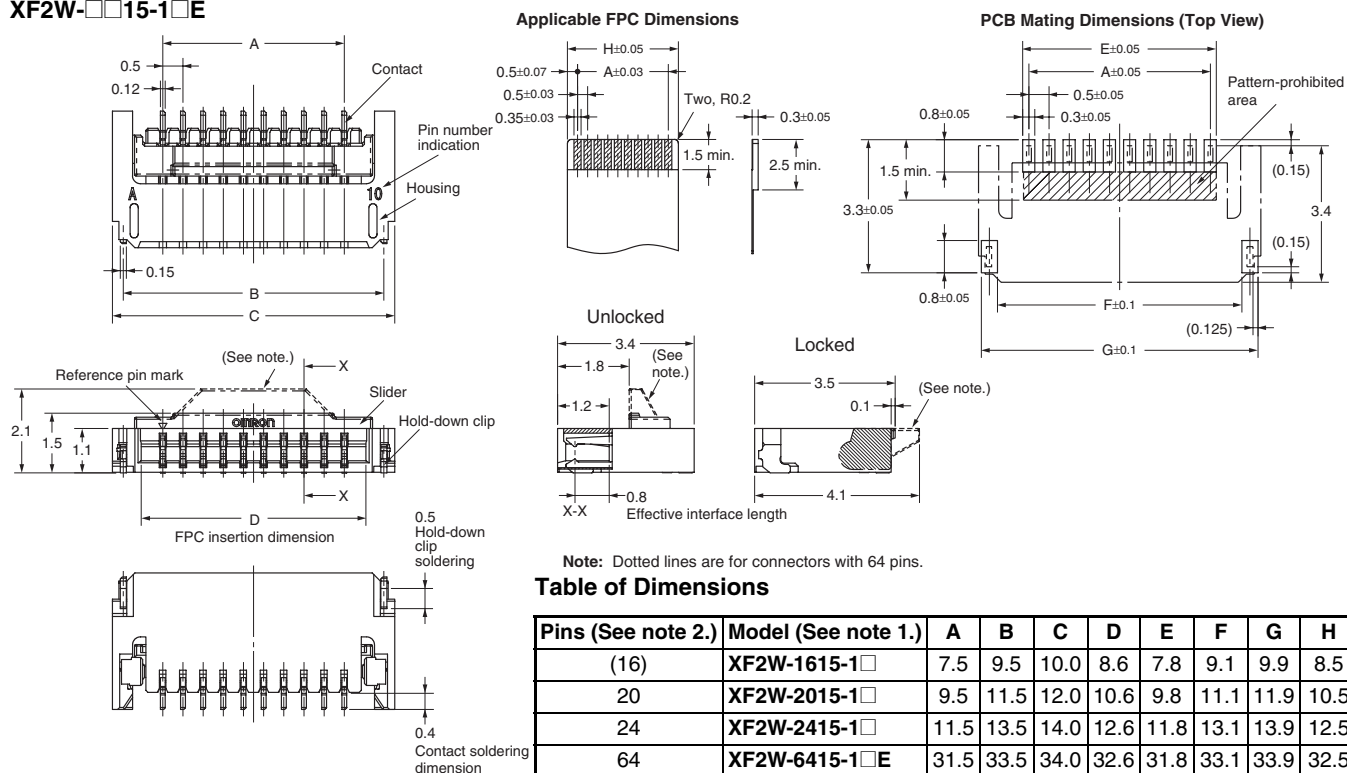
■ Materials and Finish

XF2W-□□15-1A/1AE

| | |
|------------------|---|
| Housing | LCP resin (UL94V-0)/natural |
| Slider | LCP resin (UL94V-0)/brown |
| 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

XF2W-□□15-1□
XF2W-□□15-1□E



■ Ordering Information

| Pins (See note 2.) | Model (See note 1.) | Quantity per reel (See note 3.) |
|--------------------|---------------------|------------------------------------|
| (16) | XF2W-1615-1□ | 2,000 |
| 20 | XF2W-2015-1□ | |
| 24 | XF2W-2415-1□ | |
| 64 | XF2W-6415-1□E | |

- Note:**
- The symbol in the box at the end of the model number indicates the type of plating.
A: Gold-plated (RoHS compliant)
The end of the model number indicates the slider specification.
None: Standard, E: Multiple pins
 - The models with the number of pins in parentheses will be released in November 2006. Consult your OMRON representative for inquiries related to pin number specifications for the models under development and of other pin numbers not listed.
 - Order an integer multiple of the quantity per reel.

Pin Number Specifications

Refer to the following website for the latest information.
<http://www.components.omron.com>

Omron Electronic Components, LLC

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Cat. No. G011W-E-06A

04/07

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Printed in USA