

XF2U

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

This announcement is based on product catalogue information previously shown before its discontinuation
Product information of the existing product may be different from the previous version

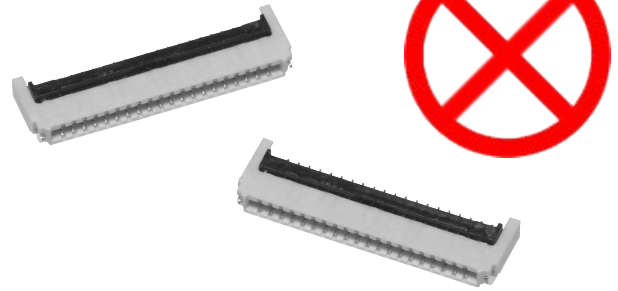
For FPC

Rotary Backlock Mechanism with Depth of 3.5-mm and Low Profile of 0.9 mm

- Ultra-slim connector with a depth of 3.5 mm.
- Dual-sided contact reduces the number of parts.
- Wide molding wall on the rear bottom of the connector allows greater freedom in board design.
- Gold plated with an applicable FPC thickness of 0.2 mm.
- Halogen Free (*)

* OMRON uses the following standard to determine halogen-free construction: 900 ppm max. for Br, 900 ppm max. for Cl, and 1,500 ppm max. for Br+Cl.

RoHS compliant



■ Ratings and Specifications

Rated current	0.5 A AC/DC
Rated voltage	50 V AC/DC
Contact resistance	60 mΩ max. (at 20 mV DC max., 100 mA max.)
Insulation resistance	100 MΩ min. (at 250 V DC)
Dielectric strength	250 V AC for 1 min. (leakage current: 1 mA max.)
Insertion durability	20 times
Ambient operating temperature	-30 to 85 °C (With no icing or condensation)

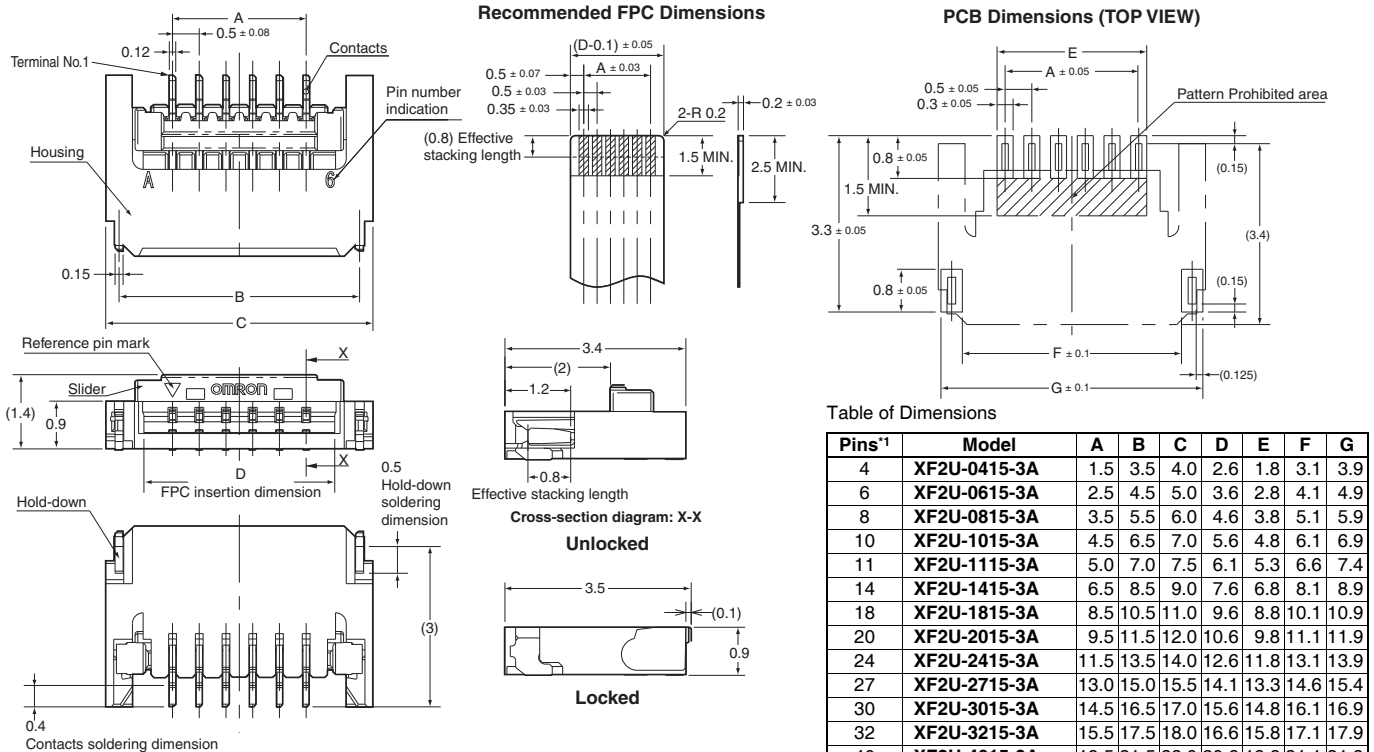
■ Materials and Finish

Housing	LCP resin (UL94 V-0)/natural
Slider	LCP resin (UL94 V-0)/black
Contacts	Spring copper alloy/nickel substrate (2 μm) Gold-plated contacts (0.15 μm)
Hold-down	Copper alloy/tin-plated (2 μm)

■ Dimensions

(Unit: mm)

XF2U-□□15-3A



■ Ordering Information

Pins ^{*1}	Model	Quantity per reel (unit) ^{*2}
4	XF2U-0415-3A	3,000
6	XF2U-0615-3A	
8	XF2U-0815-3A	
10	XF2U-1015-3A	
11	XF2U-1115-3A	
14	XF2U-1415-3A	
18	XF2U-1815-3A	

Pins ^{*1}	Model	Quantity per reel (unit) ^{*2}
20	XF2U-2015-3A	3,000
24	XF2U-2415-3A	
27	XF2U-2715-3A	
30	XF2U-3015-3A	
32	XF2U-3215-3A	
40	XF2U-4015-3A	

*1. Please consult your OMRON representative for available pin count.

*2. Please order by integer multiple of the quantity per reel.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Omron:

[XF2U-0415-3A](#) [XF2U-1115-3A](#) [XF2U-1415-3A](#) [XF2U-2015-3A](#) [XF2U-2415-3A](#) [XF2U-2715-3A](#) [XF2U-3015-3A](#)
[XF2U-3215-3A](#) [XF2U-4015-3A](#) [XF2U-0815-3A](#) [XF2U-1815-3A](#) [XF2U-0615-3A](#) [XF2U-1015-3A](#)