

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

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

- Ultra-slim connector with a depth of 3.5 mm.
- Dual 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.

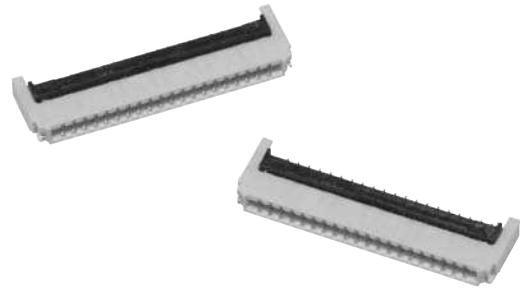
#### RoHS compliant

#### ■ 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)

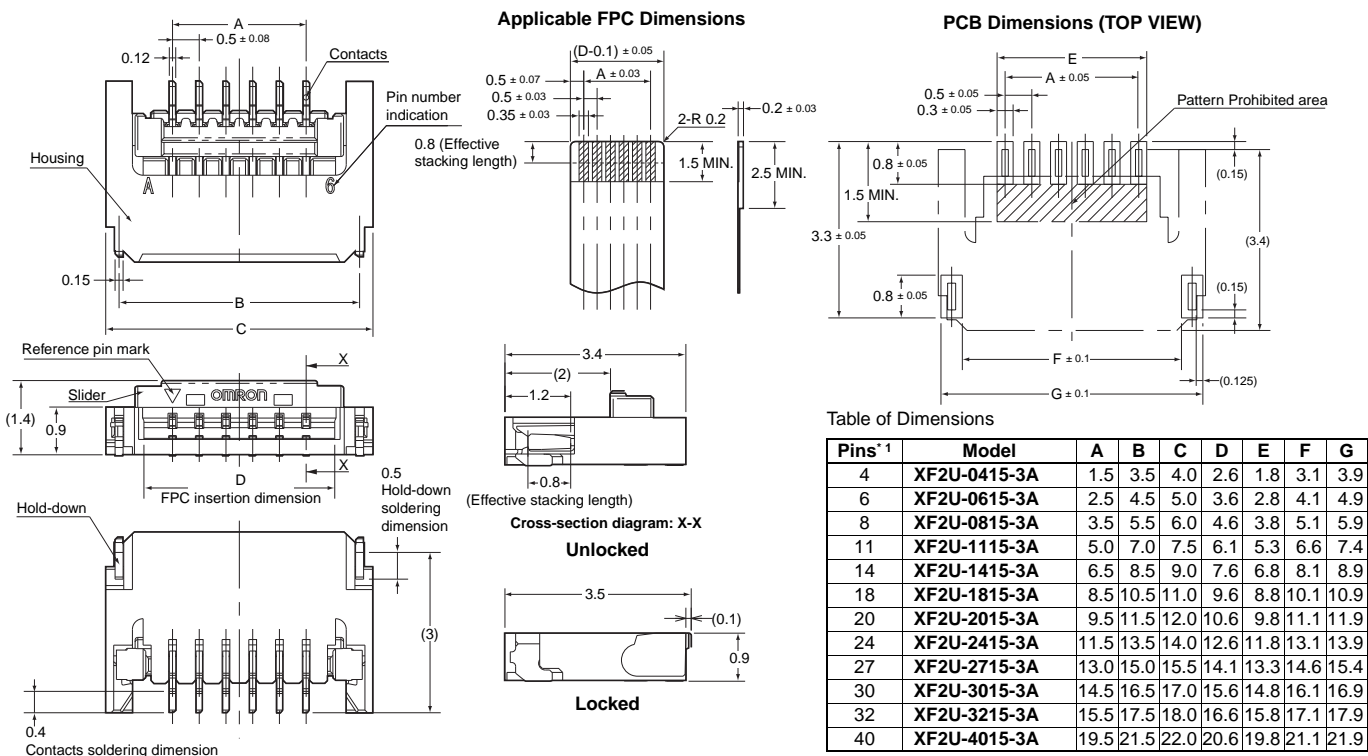
#### ■ Materials and Finish

Housing	LCP resin (UL94V-0)/natural
Slider	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

##### XF2U-□□15-3A



#### ■ Ordering Information

Pins <sup>*1</sup>	Model	Quantity per reel (unit) <sup>*2</sup>
4	XF2U-0415-3A	3,000
6	XF2U-0615-3A	
8	XF2U-0815-3A	
11	XF2U-1115-3A	
14	XF2U-1415-3A	
18	XF2U-1815-3A	
20	XF2U-2015-3A	
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.