

# XF2K

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

FPC

## Rotary Backlock Connector (0.4-mm Pitch, Dual Contact)

### Rotary Backlock Mechanism with 0.4-mm Pitch and Low Profile of 0.9 mm

- Long slider makes it easier to lock and unlock the connector.
- Dual contact reduces the number of parts.
- 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.

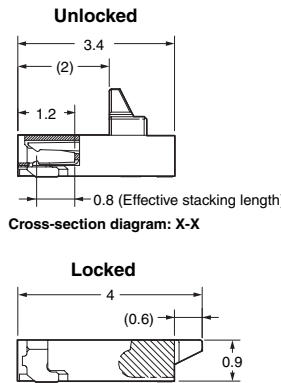
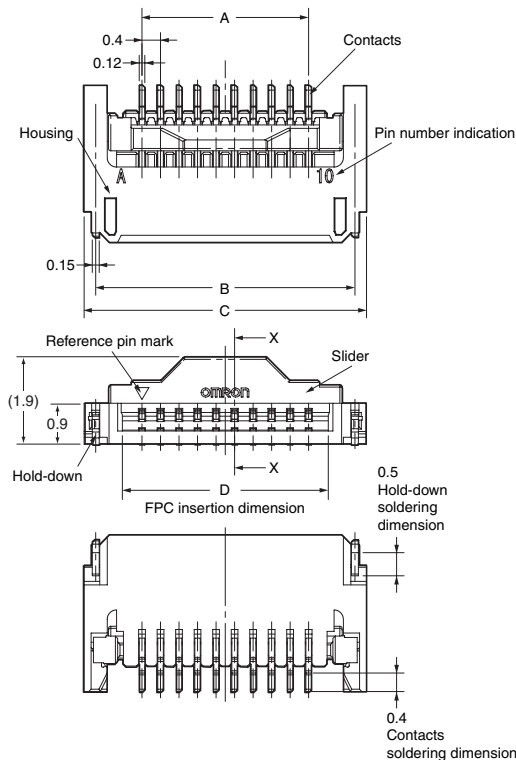
**RoHS compliant**

#### ■ Ratings and Specifications

Rated current	0.4 A AC/DC
Rated voltage	40 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)

#### ■ Dimensions

XF2K-□□15-3AE



#### ■ Materials and Finish

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)

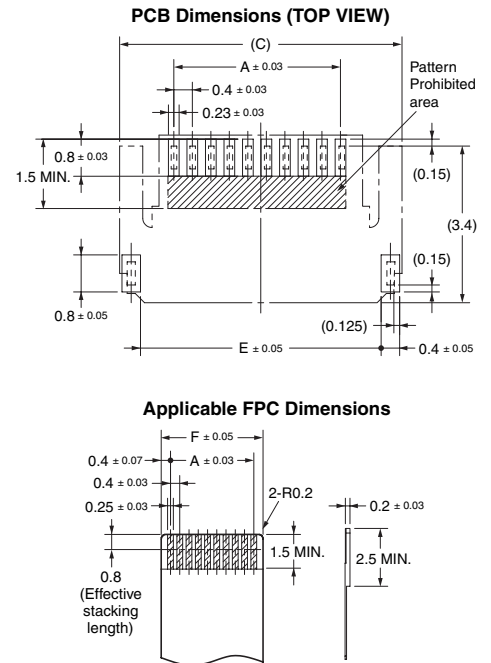


Table of Dimensions

Pins*1	Model	A	B	C	D	E	F
57	XF2K-5715-3AE	22.4	24.4	24.9	23.3	24.0	23.2

#### ■ List of Models

Pins*1	Model	Quantity per reel (unit) *2
57	XF2K-5715-3AE	2,000

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

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

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- Application examples provided in this document are for reference only. In actual applications, confirm equipment functions and safety before using the product.
- Consult your OMRON representative before using the product under conditions which are not described in the manual or applying the product to nuclear control systems, railroad systems, aviation systems, vehicles, combustion systems, medical equipment, amusement machines, safety equipment, and other systems or equipment that may have a serious influence on lives and property if used improperly. Make sure that the ratings and performance characteristics of the product provide a margin of safety for the system or equipment, and be sure to provide the system or equipment with double safety mechanisms.

**Note: Do not use this document to operate the Unit.**

**OMRON Corporation**

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