

Rotary Backlock Connector (0.3-mm Pitch, Upper Contact)

XF3A

On-board height 0.6 mm, the lowest class profile in the industry. Rotary Backlock Connectors with a 0.3-mm pitch.

- Wide molding wall on the rear bottom of the connector allows greater freedom in board design
- Upper contact
- Halogen Free (See note)

Note: 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

**NEW****Ordering Information**

Pins	Model	Quantity per reel (unit) (See Note)
8	XF3A-0855-41A	4,000
12	XF3A-1255-41A	
51	XF3A-5155-41A	

Note: Please order by integer multiple of the quantity per reel.

Ratings and Specifications**■ Characteristics**

Rated current	0.2 A AC/DC
Rated voltage	50 V AC/DC
Contact resistance	80 mΩ max. (at 20 mV DC max., 100 mA max.)
Insulation resistance	100 MΩ min. (at 250 VDC)
Withstand voltage	250 VAC for 1 min. (leakage current: 1 mA max.)
Insertion tolerance	10 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)

Dimensions

Unit: mm

XF3A-□□55-41A

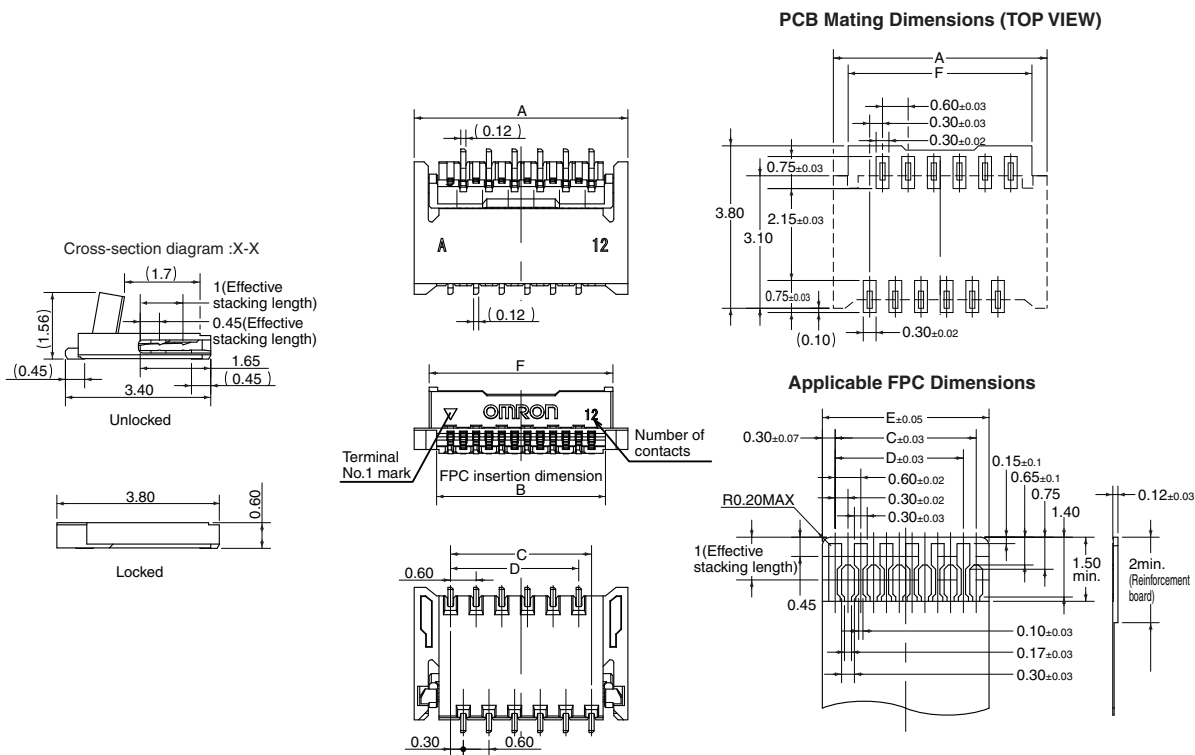


Table of Dimensions

Pins	Model	A	B	C (See note)	D	E	F
8	XF3A-0855-41A	3.8	2.75	2.1	1.8	2.7	3.1
12	XF3A-1255-41A	5.0	3.95	3.3	3.0	3.9	4.3
51	XF3A-5155-41A	16.7	15.65	15.0	14.4	15.6	16.0

Note: Dimension C indicates total pitch.

Omron Electronic Components, LLC

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 - Terms:** These terms and conditions
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 - Including:** Including without limitation
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 - Delivery and shipping dates are estimates only; and
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- Claims:** Any claim by Buyer against Seller for shortage or damage to the Products occurring before delivery to the carrier or any claim related to pricing or other charges must be presented in detail in writing to Seller within 30 days of receipt of shipment.

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 - Energy control systems, combustion systems, railroad systems, aviation systems, medical equipment, amusement machines, vehicles, safety equipment, and installations subject to separate industry or government regulations.
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 - (iv) Systems, machines and equipment that could present a risk to life or property. Please know and observe all prohibitions of use applicable to this product.

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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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