

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	
17	XF3A-1755-41A	
23	XF3A-2355-41A	
25	XF3A-2555-41A	
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

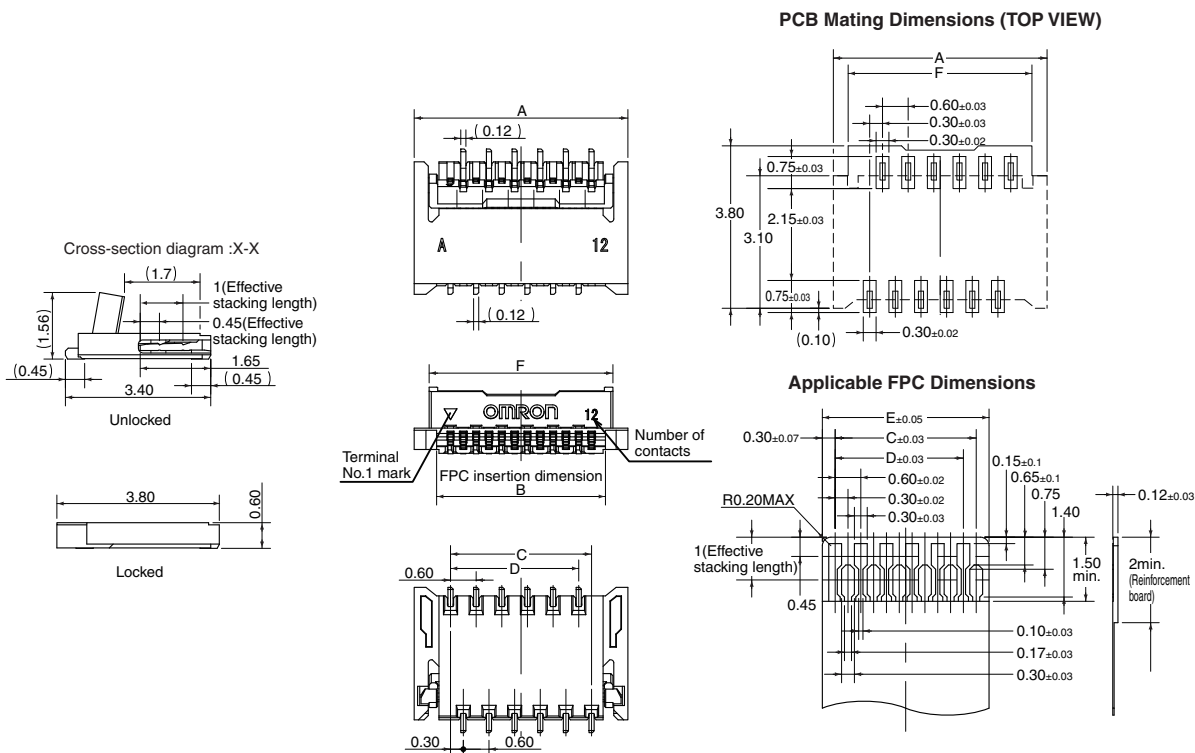


Table of Dimensions

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
17	XF3A-1755-41A	6.5	5.45	4.8	4.2	5.4	5.8
23	XF3A-2355-41A	8.3	7.25	6.6	6.0	7.2	7.6
25	XF3A-2555-41A	8.9	7.85	7.2	6.6	7.8	8.2
51	XF3A-5155-41A	16.7	15.65	15.0	14.4	15.6	16.0

Note: Dimension C indicates total pitch.



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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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Specifications subject to change without notice

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