

Rotary Backlock Connector (0.25-mm Pitch, Dual Contact)

XF3C

0.25 mm Pitch with Dual contact and Rotary Backlock Mechanism

- Wide molding wall on the rear bottom of the connector allows greater freedom in board design
- Dual contact
- Single sided FPC with an applicable thickness of 0.12 mm
- 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)
17	XF3C-1745-41A	2,000
35	XF3C-3545-41A	
51	XF3C-5145-41A	

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	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)

Dimensions

Unit: mm

XF3C-□□45-41A

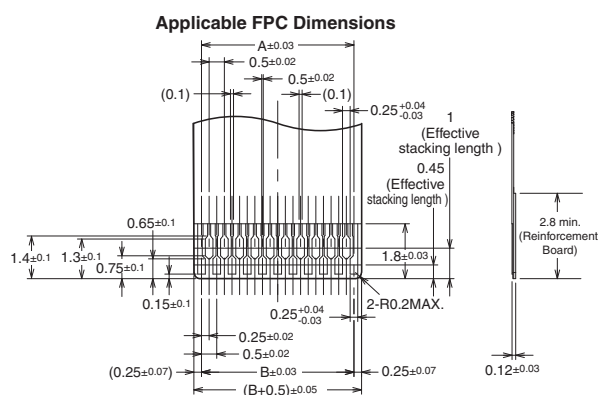
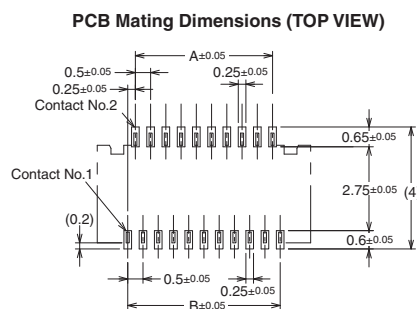
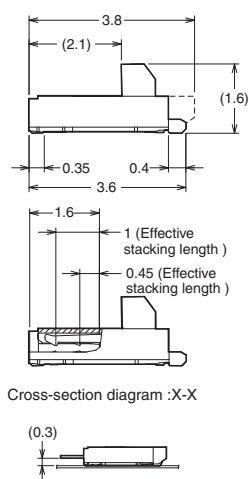
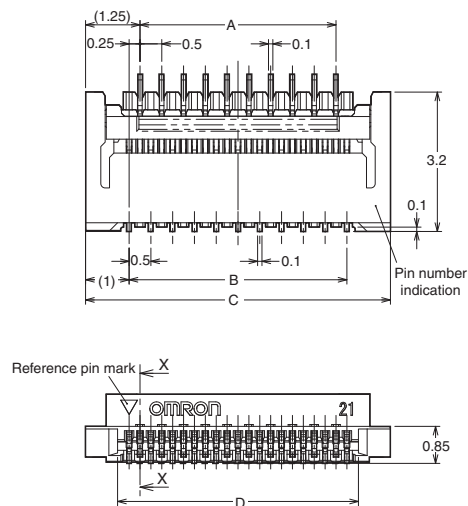


Table of Dimensions

Pins	Model	A	B	C	D
17	XF3C-1745-41A	3.5	4.0	6.0	4.55
35	XF3C-3545-41A	8.0	8.5	10.5	9.05
51	XF3C-5145-41A	12.0	12.5	14.5	13.05

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
 - Seller will package Products as it deems proper for protection against normal handling and extra charges apply to special conditions.
- 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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ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

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

OMRON[®]

**OMRON ELECTRONIC
COMPONENTS LLC**

55 E. Commerce Drive, Suite B
Schaumburg, IL 60173

847-882-2288

OMRON ON-LINE

Global - <http://www.omron.com>

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