

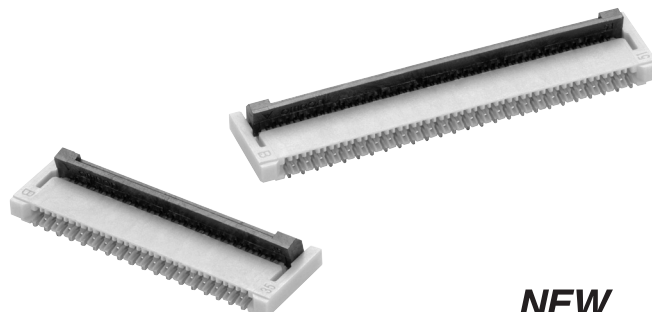
Rotary Backlock Connector (0.25-mm Pitch, Dual Contact)

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)

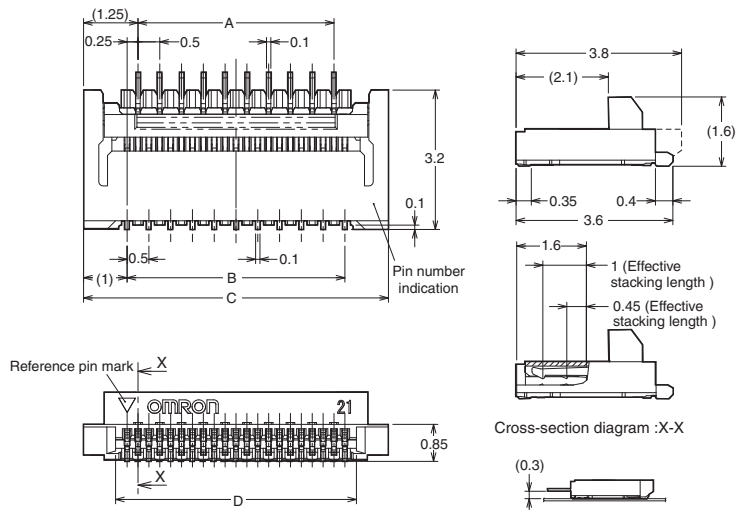
■ Materials and Finish

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)

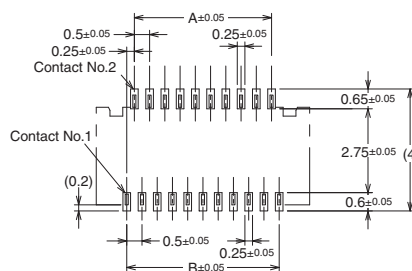
Dimensions

Unit: mm

XF3C-□□45-41A



PCB Mating Dimensions (TOP VIEW)



Applicable FPC Dimensions

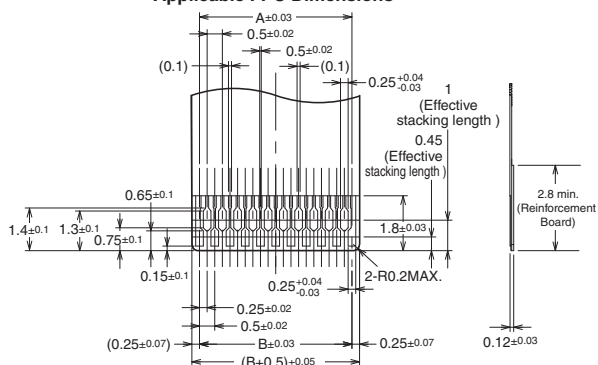


Table of Dimensions

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

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