

XF3E

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

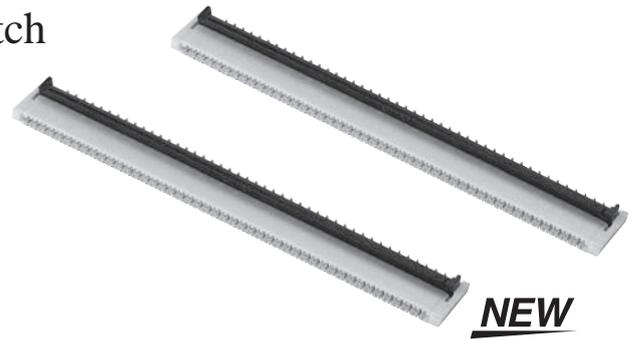
FOR FPC

Large number of contacts with 0.3-mm Pitch and 1.1-mm On-board Height

- Rotary Backlock Connector.
- Dual Contact.
- Gold plated with an applicable FPC thickness of 0.2 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



■ Ratings and Specifications

Rated current	0.2A AC/DC
Rated voltage	50V AC/DC
Contact resistance	80mΩ max. (at 20 mV DC max., 100 mA max.)
Insulation resistance	100MΩ min. (at 250V DC)
Withstand voltage	250V AC 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 (2μm) Gold-plated contacts (0.15μm)

■ Dimensions

XF3E-□□45-31AE

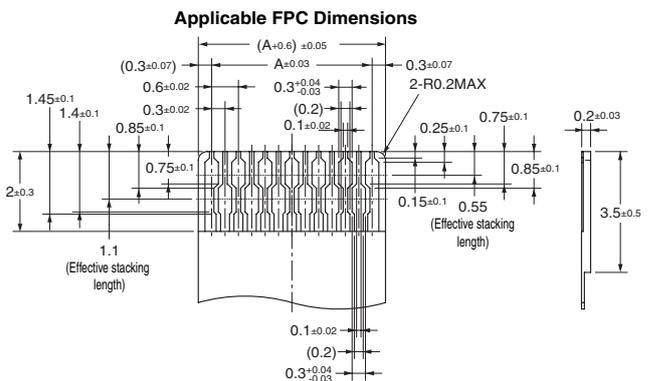
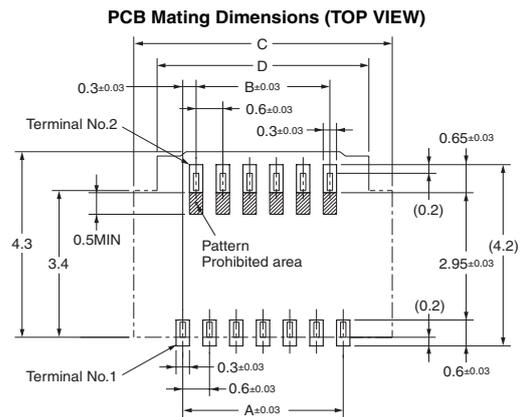
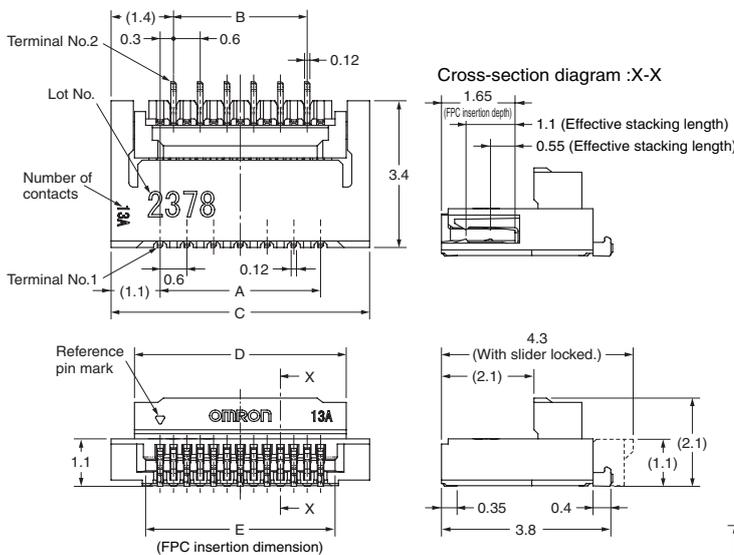


Table of Dimensions

Pins (See *1.)	Model	A	B	C	D	E
90	XF3E-9045-31AE	26.7	26.4	28.9	27.9	27.4

■ Ordering Information (Please consult your trading company for the delivery date.)

Pins (See *1.)	Model	Quantity per reel (unit) (See *2.)
90	XF3E-9045-31AE	1,500

*1. Please consult your OMRON representative for available pin count.
*2. Please order by integer multiple of the quantity per reel.