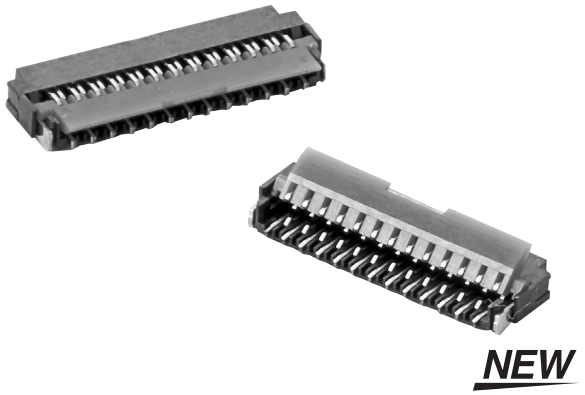
XF3Z

For FPC

Rotary Frontlock Connector (0.3-mm Pitch, Lower Contact)

High-reliability rotary-front-lock with 0.3-mm pitch and low profile



- Ultra-slim connector with a depth of 3.5 mm.
- Wide molding wall on the rear bottom of the connector allows greater freedom in board design.
- Slider open locking mechanism makes work efficient.
- Gold plated with an applicable FPC thickness of 0.2 mm.
- Halogen Free (*)

* 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

■ Ratings and Specifications

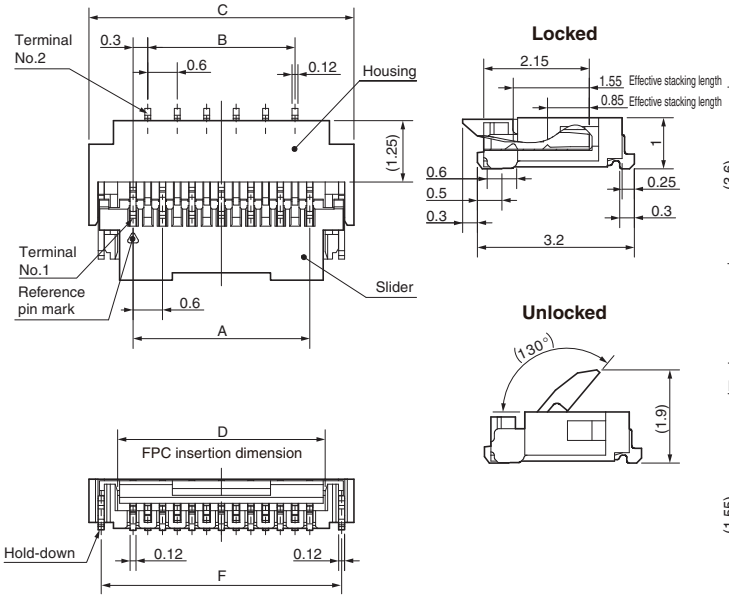
Rated current	0.2 A AC/DC
Rated voltage	50 V AC/DC
Contact resistance	80 mΩ max. (at 20 mV DC max., 100 mA max.)
Insulation resistance	100 MΩ min. (at 250 V DC)
Dielectric strength	250 V AC for 1 min. (leakage current: 1 mA max.)
Insertion durability	20 times
Ambient operating temperature	−55 to 85 °C (With no icing or condensation)

■ Materials and Finish

Housing	LCP resin (UL94 V-0)/Black
Slider	PA resin (UL94HB)/brown
Contacts	Spring copper alloy/nickel substrate (1.5 μm) Gold-plated contacts (flash)
Hold-down	Copper alloy/tin plating (1 μm)

■ Dimensions

XF3Z-□□55-31B



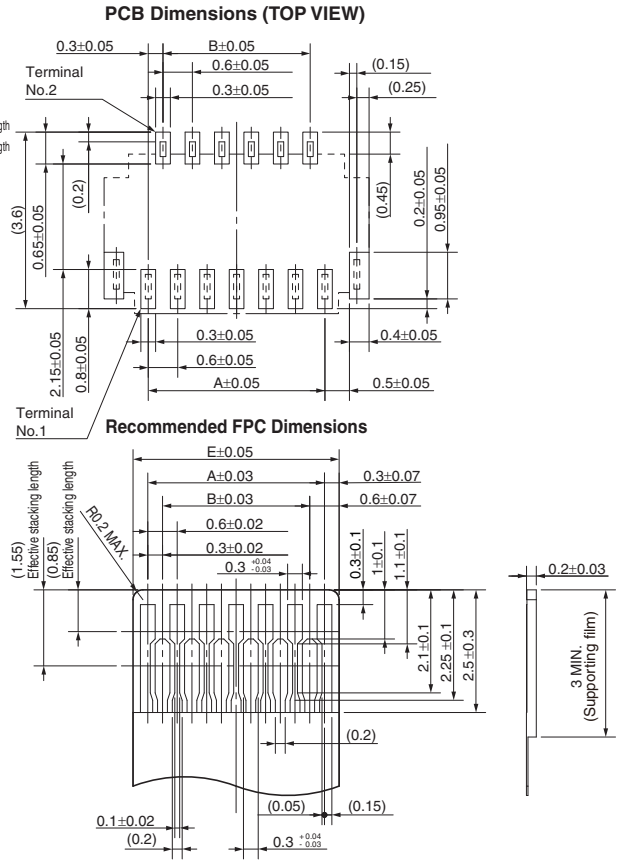


Table of Dimensions

Pins *1	Model	A	B	C	D	E	F
13	**XF3Z-1355-31B**	3.6	3.0	5.4	4.23	4.2	4.9
25	**XF3Z-2555-31B**	7.2	6.6	9.0	7.83	7.8	8.5
(35)	**XF3Z-3555-31B**	10.2	9.6	12.0	10.83	10.8	11.5

■ Ordering Information

Pins *1	Model	Quantity per reel (unit) *2
13	**XF3Z-1355-31B**	3000
25	**XF3Z-2555-31B**	
(35)	**XF3Z-3555-31B**	

***1.** Please consult your OMRON representative for available pin count. Please consult your OMRON representative for the marketing dates for pin counts in parentheses.

***2.** Please order by integer multiple of the quantity per reel.

- Application examples provided in this document are for reference only. In actual applications, confirm equipment functions and safety before using the product.
- Consult your OMRON representative before using the product under conditions which are not described in the manual or applying the product to nuclear control systems, railroad systems, aviation systems, vehicles, combustion systems, medical equipment, amusement machines, safety equipment, and other systems or equipment that may have a serious influence on lives and property if used improperly. Make sure that the ratings and performance characteristics of the product provide a margin of safety for the system or equipment, and be sure to provide the system or equipment with double safety mechanisms.

Note: Do not use this document to operate the Unit.

OMRON Corporation
Electronic and Mechanical Components Company **Contact: www.omron.com/ecb**

Cat. No. G089-E1-02
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