

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

■ 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)

■ Dimensions

(Unit: mm)

XF3Z-□□55-31B

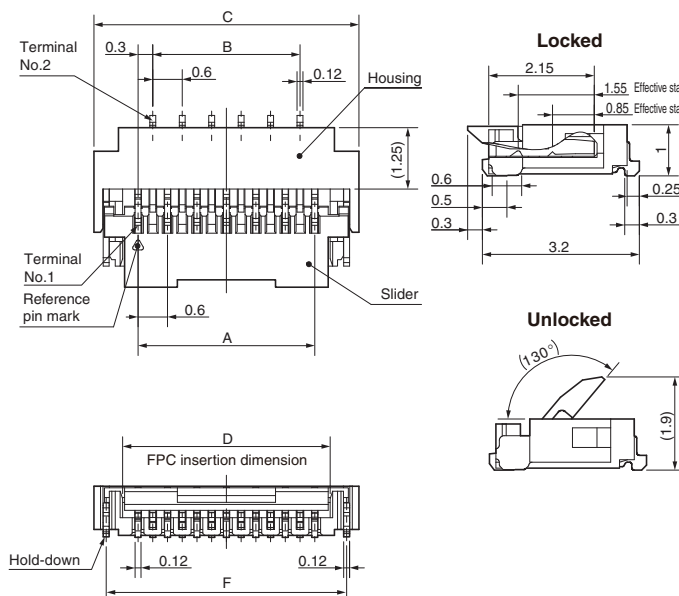


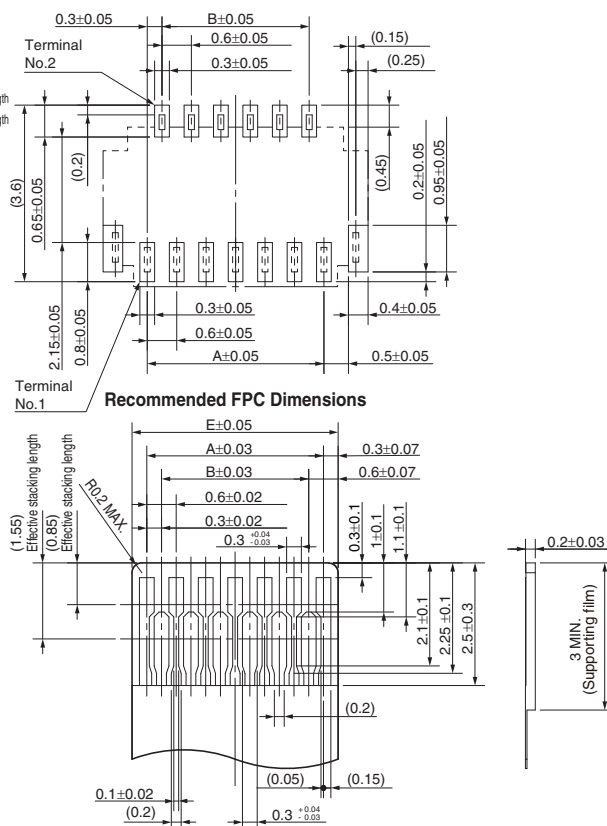
Table of Dimensions

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
39	XF3Z-3955-31B	11.4	10.8	13.2	12.03	12.0	12.7

■ Materials and Finish

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

PCB Dimensions (TOP VIEW)



■ Ordering Information

Pins *1	Model	Quantity per reel (unit) *2
13	XF3Z-1355-31B	3000
25	XF3Z-2555-31B	
35	XF3Z-3555-31B	
39	XF3Z-3955-31B	

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