

XF3Z

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

This announcement is based on product catalogue information previously shown before its discontinuation
Product information of the existing product may be different from the previous version

For FPC

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)

■ 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)

(Unit: mm)

■ Dimensions

XF3Z-□□55-31B

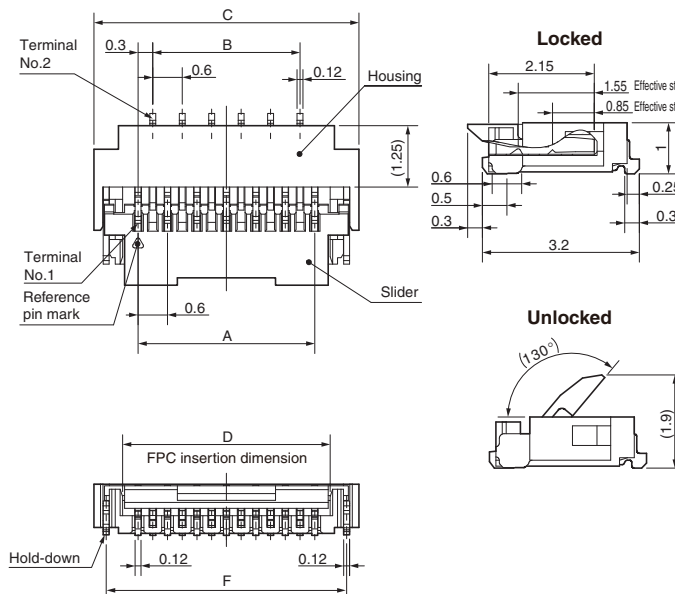
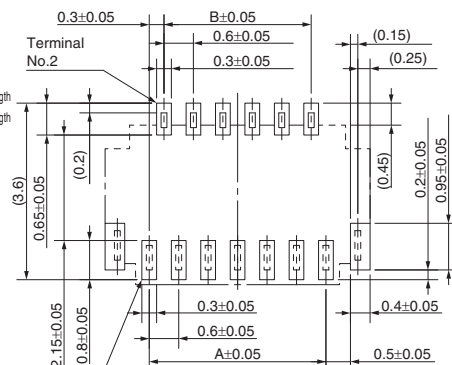


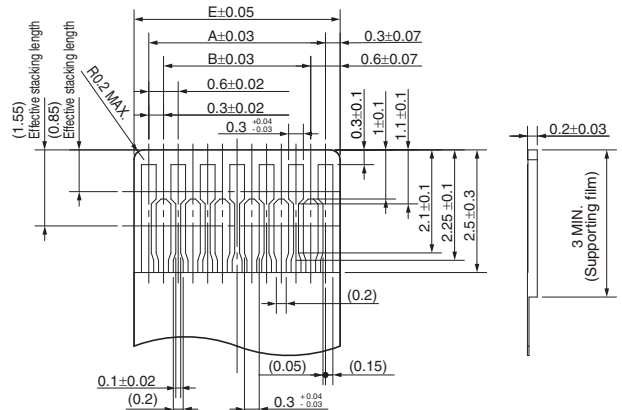
Table of Dimensions

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

PCB Dimensions (TOP VIEW)



Recommended FPC Dimensions



■ 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.