

**NO:** CON-050  
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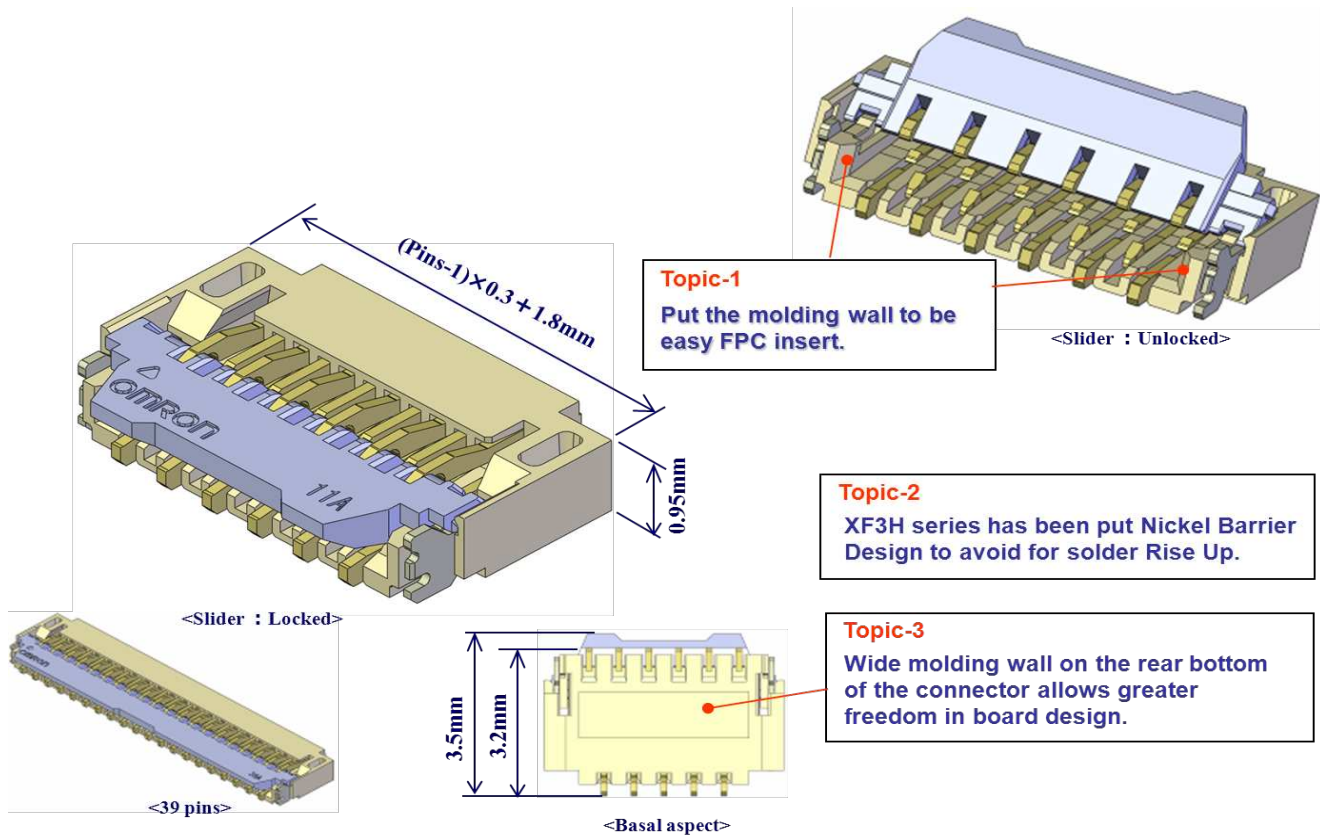
**PRODUCT:** XF3H-AR Series Board to FPC Connector  
**TYPE:** Product Release

## OMRON Announces Release of XF3H-□□55-31AR FPC Connector Series

Omron announces the release of a newly remodeled series to their XF3H FPC connector portfolio to both replace the XF3H-□□55-31A models being discontinued, and to offer a direct solution to competitive products. Please study and share the following information with any and all current and potential customers that may benefit from these new product offerings.

### Key Features and Benefits:

- Lower contact of 0.3 mm pitch
- On-board height: 0.95 mm, depth of 3.5 mm (Locked)
- Rotary Frontlock Mechanism & Z I F type
- Applicable FPC thickness of 0.2 mm.
- Added the molding wall for easy FPC cable insertion. (See Topic 1 drawing below)
- Adopted a nickel barrier
- Halogen Free



### Target Applications

Handheld device, Medical device, Home appliances, Thermostat control, POS system, Energy meter etc,  
**Target Vertical Markets:** Medical, Building Automation, and Energy

## Product Positioning:

These connectors are fully RoHS compliant.

## Selling Information:

Part Number	List price	Discount Code	Standard Pack Qty	Master Pack Qty	Recommended Stock Qty
XF3H-1355-31AR	2.405	C4	3,000	36,000	3000
XF3H-2555-31AR	3.01	C4	3,000	36,000	3000
XF3H-3555-31AR	3.651	C4	3,000	30,000	3000
XF3H-3955-31AR	3.832	C4	3,000	30,000	3000
XF3H-4555-31AR	4.652	C4	3,000	30,000	3000
XF3H-5155-31AR	4.821	C4	3,000	30,000	3000

## Documentation:

[XF3H-AR Datasheet](#)

## Competitive Information:

Cross Reference Data of FPC Connector (XF3H-AR series)

Pin Number	Connector Supplier			
	OMRON	Hirose	FCI	UJU (Korea)
13	XF3H-1355-31AR	FH26-13S-0.3SHW	10061122-131120HLF	PF030-O13B-C10-H
15	-	FH26-15S-0.3SHW	-	-
17	-	FH26-17S-0.3SHW	10061122-171120HLF	-
19	-	FH26-19S-0.3SHW	-	-
21	-	FH26-21S-0.3SHW	-	PF030-O21B-C10-H
23	-	FH26-23S-0.3SHW	-	PF030-O23B-C10-H
25	XF3H-2555-31AR	FH26-25S-0.3SHW	10061122-251120HLF	PF030-O25B-C10-H
27	-	FH26-27S-0.3SHW	10061122-271120HLF	PF030-O27B-C10-H
29	-	FH26-29S-0.3SHW	10061122-291120HLF	PF030-O29B-C10-H
31	-	FH26-31S-0.3SHW	-	PF030-O31B-C10-H
33	-	FH26-33S-0.3SHW	10061122-331120HLF	PF030-O33B-C10-H
35	XF3H-3555-31AR	FH26-35S-0.3SHW	10061122-351120HLF	PF030-O35B-C10-H
37	-	FH26-37S-0.3SHW	-	-
39	XF3H-3955-31AR	FH26-39S-0.3SHW	10061122-391120HLF	PF030-O39B-C10-H
41	-	FH26-41S-0.3SHW	-	PF030-O41B-C10-H
45	XF3H-4555-31AR	FH26-45S-0.3SHW	-	PF030-O45B-C10-H
51	XF3H-5155-31AR	FH26-51S-0.3SHW	10061122-511120HLF	PF030-O51B-C10-H
55	-	FH26-55S-0.3SHW	-	-
57	-	-	-	PF030-O57B-C10-H
61	-	FH26-61S-0.3SHW	-	PF030-O61B-C10-H
65	-	-	-	PF030-O65B-C10-H
67	-	-	-	PF030-O67B-C10-H
71	-	FH26-71S-0.3SHW	-	PF030-O71B-C10-H

\* Sales teams should communicate this discontinuation with their OEM's and CEM's. For further technical support and any questions, please communicate with Product Marketing.