

NO: CON-005
DATE: May 2005

PRODUCT: XF2□ FPC Connectors
TYPE: Discontinuation Notice

XF2□ Series FPC Connectors with SnPb Plating will be Discontinued March 31, 2006; Use Pb-Free Models Instead

To comply with RoHS directives, Omron will discontinue manufacturing FPC Connectors with SnPb (tin-lead) plating on March 31, 2006. Replacement models that use RoHS-compliant materials are already available. Work with prospects and customers to migrate to models with Sn- or Au-plated contacts from models with SnPb-plated contacts. Since there are changes in ratings and performance, please confirm the product specifications meet customer's requirements:

Specification Changes and Comparison

Parameter / Specification		XF2H-□□15-1LW	XF2M-□□15-1A	XF2M-□□15-1DL
Plating		SnPb	Au	Sn reflow
Contact Resistance	Initial	30mOhms	50mOhms	50mOhms
	After Test	50mOhms	70mOhms	70mOhms
FPC Retention Force		Greater than # of PINs x 0.39N	Greater than # of PINs x 0.18N	Greater than # of PINs x 0.24N
Peak Soldering Temperature		240° ±5°C	260°C	260°C

Suggested Replacements

Discontinuation Product	Recommended Replacement Parts Number
Type XF2M-□□15-1L	Type XF2M-□□15-1DL (Sn Plating/Pb Free) Type XF2M-□□15-1A (Au Plating/Pb Free)
Type XF2L-□□□5-1	Type XF2L-□□□5-1DL (Sn Plating/Pb Free) Type XF2L-□□□5-1A (Au Plating/Pb Free)
Type XF2J-□□24-1□	Type XF2J-□□24-1□DL (Sn Plating/Pb Free) Type XF2J-□□24-1□A (Au Plating/Pb Free)
Type XF2G-□□14-11	Type XF2G-□□14-11DL (Sn Plating/Pb Free)
Type XF2E-□□15-1	Type XF2E-□□15-1DL (Sn Plating/Pb Free)

Note:

For best reliability and results, Omron recommends using the "-1A" (Au Plating/Pb Free contact) versions with Au-plated FPC (Flexible Printed Circuit) or FFC (Flat Flexible Cable).

Detailed Part Numbers of Discontinued Models

Type XF2M
XF2M-1015-1L
XF2M-1015-1L-R100
XF2M-1815-1L
XF2M-1815-1L-R100
XF2M-2015-1L
XF2M-2015-1L-R100
XF2M-2215-1L
XF2M-2215-1L-R100
XF2M-2415-1L
XF2M-2415-1L-R100
XF2M-2615-1L
XF2M-2615-1L-R100
XF2M-3015-1L
XF2M-3015-1L-R100
XF2M-3215-1L
XF2M-3215-1L-R100
XF2M-3315-1L
XF2M-3315-1L-R100
XF2M-3415-1L
XF2M-3415-1L-R100
XF2M-3515-1L
XF2M-3515-1L-R100
XF2M-3615-1L
XF2M-3615-1L-R100
XF2M-4015-1L
XF2M-4015-1L-R100
XF2M-4515-1L
XF2M-4515-1L-R100
XF2M-5015-1L
XF2M-5015-1L-R100

Type XF2G
XF2G-0614-11
XF2G-1414-11
XF2G-1614-11
XF2G-2414-11
XF2G-2614-11

Type XF2L
XF2L-0425-1
XF2L-0535-1
XF2L-0625-1
XF2L-0635-1
XF2L-0725-1
XF2L-0735-1
XF2L-0825-1
XF2L-0835-1
XF2L-0925-1
XF2L-1025-1
XF2L-1035-1
XF2L-1225-1
XF2L-1235-1
XF2L-1325-1
XF2L-1335-1
XF2L-1535-1
XF2L-1825-1
XF2L-1835-1
XF2L-1935-1
XF2L-2035-1
XF2L-2125-1
XF2L-2235-1
XF2L-2435-1
XF2L-2625-1
XF2L-3025-1
XF2L-3035-1

Type XF2E
XF2E-0515-1
XF2E-0615-1
XF2E-0715-1
XF2E-0815-1
XF2E-0915-1
XF2E-1015-1
XF2E-1215-1
XF2E-1515-1
XF2E-1715-1
XF2E-2015-1

Detailed Part Numbers of Discontinued Models continued

Type XF2J
XF2J-0624-11
XF2J-0624-11-R100
XF2J-0624-11-R500
XF2J-0624-12
XF2J-0824-11-R500
XF2J-0824-12
XF2J-0824-11
XF2J-0824-11-R100
XF2J-1024-11
XF2J-1024-11-R100
XF2J-1024-11-R500
XF2J-1024-12
XF2J-1224-11
XF2J-1224-11-R100
XF2J-1224-11-R500
XF2J-1224-12
XF2J-1424-11
XF2J-1424-11-R100
XF2J-1424-11-R500
XF2J-1624-11
XF2J-1624-11-R100
XF2J-1624-11-R500
XF2J-1624-12
XF2J-1824-11
XF2J-1824-11-R100
XF2J-1824-11-R500
XF2J-1824-12
XF2J-2024-11
XF2J-2024-11-R100
XF2J-2024-11-R500
XF2J-2024-12
XF2J-2224-11
XF2J-2224-11-R100

Type XF2J (continued)
XF2J-2224-11-R500
XF2J-2224-12
XF2J-2424-11
XF2J-2424-11-R100
XF2J-2424-11-R500
XF2J-2424-12
XF2J-2624-11
XF2J-2624-11-R100
XF2J-2624-11-R500
XF2J-2824-11
XF2J-2824-11-R100
XF2J-2824-11-R500
XF2J-3024-11
XF2J-3024-11-R100
XF2J-3024-11-R500
XF2J-4024-12