

PRODUCT CHANGE NOTIFICATION

Nr.: RLPCN033001

Date: July 21, 2003

Products affected:

All relay series.

Change Description:

Change to Lead Free for all current relay series.

Reason for Change:

In order to be in compliance with the directives on the use of lead in electronic components, per European legislations for the mandatory collection, reuse and recycling of Waste for Electrical and Electronic Equipment (WEEE) and its related directive on the Restriction of Hazardous Substances (RoHS), being effective per July 1st 2006.

Characteristics:

The conventional used lead solder Sn-Pb37, will be replaced by Sn3.0Ag0.5Cu composition material, as been recommended by JEIDA. The lead free relays will be compatible with the conventional lead soldering processes. Soldering wetting and attachment reliability has been tested and guaranteed for the use of Lead free relays used with the conventional lead soldering process and Lead free soldering process.

Implementation Schedule:

The change from lead containing relays to lead free relays, will start from Jan 1st 2004. Up to March 31st 2004, sequentially all relay types will be changed to lead free. From April 1st 2004 on, all relays will be lead free. We may inform you of details later. We will not mix lead free relays and non-lead free relay in the same packaging cartons.

From June 1st 2003 to Dec 31 2003, special lead free relay orders can be already placed, by adding a -LF suffix to the relay part number. Between now and Dec 31st, we will manage the special ordering for Lead free relays, by using these -LF special part numbers.

(See also notes on page 2)

Response:

Requests for additional data or support should be made within 30 days of notification. Please submit your questions, response or specific issue you may have for this change, by email at pcn@fceu.fujitsu.com or fax to +31 23 5560 950.

Non-Disclosure Information:

None of this information shall be disclosed or forwarded to other suppliers or distributed outside your company without approval from Fujitsu Components Europe B.V.

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Note 1:

Do not use the special -LF lead free suffix for the following relay types, since they are already lead free.: FTR-C1, FTR-C2, FTR-K1, FTR-LY FTR-MY and FTR-P6 series.

Note 2:

Do not use the special -LF lead free suffix for automotive relay series. Lead free ordering for these types will be accepted from April 1st 2004 on.

Note 3: A different lead free implementation program will be used for the FRL-270(..)-SOL, FRL-230, FTR-P1 and Solid State Relays (SJ, SE, SG and SN types)