



**Transition to Lead-Free / RoHS Compliant Products**

April, 2006

Fuzetec Technology Co., Ltd., a leading designer and manufacturer of PPTC Resettable Fuses, is fully committed to combat environmental pollution by reducing the content of hazardous substances in waste by limiting the presence of such substances in products and in production processes. Our goal is to have a 100% product offering in compliance with the European Union's Reduction of Hazardous Substances (RoHS) Directive 2002/95/EC.

The EU RoHS directive, also known as the "lead-free" directive, identifies six materials that must be virtually eliminated from a great deal of electronic equipment before it's shipped into the EU after 1 July 2006. These materials include Lead (Pb), Hexavalent Chromium (Chromium VI), Cadmium, Mercury, Polybrominated Biphenyls (PBBs), and Polybrominated Diphenyl Ethers (PBDEs).

EU RoHS Directive banned substances	
Lead	Pb
Hexavalent Chromium	Cr (VI)
Cadmium	Cd
Mercury	Hg
Polybrominated Biphenyls	PBB
Polybrominated Diphenyl Ethers	PBDE

A year ago we established a work group to make the appropriate adjustments in order to offer products in compliance with EU RoHS directive. Currently we can offer most of our products on lead-free / RoHS compliant versions, and our goal is to make 100% of our shipments Lead-free & RoHS compliant by January 1<sup>st</sup>, 2006.

On this transition to Lead-free / RoHS compliant products, there are several key issues that affect our relationship with our customers.

**1# Lead-Free / RoHS Compliant Product Availability**

**2# Ordering Lead-Free Products:**

- a. Part number modification
- b. Marking modifications
- c. Packaging Changes



### 1# Lead-Free / RoHS Compliant Product Availability

Bellow, please find a comprehensive chart of Fuzetec current lead-free / RoHS compliant product availability:

Fuzetec Product Series		Lead-Free Product	RoHS-Compliant Product
Radial Leaded	FRX 60V	ü	ü
	FRX 90V	ü	ü
	FRU	ü	ü
	FRG	ü	ü
	FUSB	ü	ü
	FBR	ü	ü
	FRA	ü	ü
	FRH	ü	ü
Axial Leaded	FSR	ü	ü
	FLT	ü	ü
	FLR	ü	ü
	FVT	ü	ü
Surface Mount	FSMD-1812	ü	ü
	FSMD-1206	ü	ü
	FSMD-1210	ü	ü
	FSMD-2920	ü	ü

### 2# Ordering Lead-Free Products:

As soon as lead-free products are made available, all our customers can choose to order them. We still have a large stock of product with lead content and would like exhaust this stock before shifting to 100% lead-free products.

The year 2005 represent a big challenge for our organization, as we will have both type of products coexisting in our stocks. So unless you specifically require us to deliver lead-free products, we will deliver our standard parts.

If you have a need for lead-free / RoHS compliant parts, we still can meet your requirements. In this



case there are several points to consider when ordering our lead-free parts.

**a. Part number modification**

In order to differentiate our standard parts from the lead-free parts we added the suffix “F” to the standard part number. For instance, if you want to order the lead-free version of our FRX050-60, you should note on your purchase order FRX050-60F.

Click this [link](#) for more detailed information about all the part numbering changes.

**b. Marking modifications**

The marking on lead-free products (with the exception of the FSMD-1812, FSMD2920, FSMD1206 & FSMD1210 product Series) will change. Click this [link](#) for more detailed information about all the marking modifications.

**c. Packaging Changes**

When supplying lead-free products, we will stick on all our inner boxes that contain lead-free parts a “green label” as the one shown below:

