



# Frontier Electronics Corp.

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## **LEAD-FREE and RoHS STATEMENT**

Frontier Electronics in a joint effort with its suppliers successfully met the July 1, 2006 compliance deadline as mandated under the **RoHS** (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment) directives.

Beginning January 1, 2005 Frontier took a proactive approach and began to manufacture **RoHS** compliant parts; however, customers still had the option of purchasing non-RoHS compliant items from existing inventory.

To help make the distinction between **RoHS** and non-RoHS during the transition period, the suffix “-LFR” or “-R” was added to the P/N to identify “**RoHS**” compliant. The suffix “-LF” was placed after the P/N for lead-free. Many products such as the **Ceramic Chip Inductors** were always “**RoHS**” compliant and therefore did not require a special suffix.

As of July 1, 2005 all Frontier products and the raw materials used to make them, including the external packaging, are RoHS compliant. They conform to the hazardous material restriction requirements as set forth under the RoHS directive. The RoHS standard prohibits use of the following substances in electrical and electronic devices or products, handled within the European Union (EU):

<b>Element</b>	<b>Compound</b>	<b>Limit (ppm Max.)</b>
<b>Lead</b>	<b>PB</b>	<b>1000</b>
<b>Cadmium</b>	<b>Cd</b>	<b>1000</b>
<b>Hexavalent chromium</b>	<b>Cr+6</b>	<b>1000</b>
<b>Mercury</b>	<b>Hg</b>	<b>100</b>
<b>Polybrominated biphenyl</b>	<b>PBB</b>	<b>1000</b>
<b>Polybrominated biphenyl ether</b>	<b>PBDE</b>	<b>1000</b>
<b>Halogens</b>	<b>F, Cl, Br, I, At, Sb</b>	<b>900</b>
<b>Antimonium</b>	<b>Sb</b>	<b>900</b>

**\*Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminum containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.**

*Frontier is committed to providing environmentally friendly products and proud to be part of the solution towards a cleaner/safer environment!*