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To: Coiltronics Inductor Customers

**Subject:** Halogen Free Initiative

Regarding the use of halogens, this document outlines the strategy for the Cooper Bussmann<sup>®</sup> Coiltronics<sup>®</sup> family of transformers and inductors with the goal of meeting anticipated market and regulatory requirements.

## Action #1 - Halogen Free Announcement

The Coiltronics brand is committed to phasing out halogenated materials in our products by the end of calendar year 2009. To achieve this, Cooper Bussmann has commenced halogen testing and will phase out halogenated materials where economically viable and safe substitutes are available.

## Action #2 - Halogen Free Definition

Halogen free will be defined per industry standard IPC (IEC 61249-2-21). Threshold limits associated with "halogen free" by homogeneous material within a component are defined as:

Chlorine (CI) < 900 ppm

Bromine (Br) < 900 ppm

Chlorine (CI) + Bromine (Br) < 1500 ppm

## Action #3 – Halogen Free Implementation

All **existing** Coiltronics branded products will utilize the following phases to eliminate halogenated materials:

Phase 1 - Test for and identify halogenated materials

Phase 2 - Identify and develop halogen free alternates

Phase 3 - Implement halogen free alternates

All <u>future</u> Coiltronics branded products will strive to utilize the halogen free materials established by this initiative.

All **existing customer specific products** will be reviewed on a case-by-case basis and/or at the customer's request.

Cooper Bussmann is committed to providing all of our customers with the highest quality products and services in meeting the industry's anticipated "Halogen Free" initiative. For questions regarding this Halogen Free Initiative please contact Cooper Bussmann for further assistance. We thank you for your time and efforts in supporting this initiative.