

**Date: August 12, 2012, Updated December 2016**

**Subject: Shelf Life of Supercapacitor Products**

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Dear Valued Customer:

The following information pertains to Eaton supercapacitor products. The minimum shelf life for supercapacitor products is three (3) years provided the product is maintained in its original packaging and stored in a controlled environment under the conditions of <30°C and <85% relative humidity. Over this time, a slight degradation of capacitance (<3%) or increase in ESR (<5%) may occur. This applies to XL60 series as well as those shown in the table below.

The following table is provided as information that may affect shelf life and subsequent soldering.

<b>Product Family</b>	<b>Lead Type</b>	<b>Lead Material</b>
KR, KW	Coin	Matte tin plate over Nickel
A,B,M,HV,HB, TV,	Wire	Matte tin plate over Copper
PA, PB, PM, PHV, PHB, PTV		
XB, XV	Snap in	Matte tin plate over Copper

Eaton is committed to providing all of our customers with high quality products and services that meet environmental requirements. If further information is required regarding a part number, we ask that you forward your request to your local Eaton representative.

Regards,

Jason Lee  
Global Product Manager