



November 3, 2017

PCN reference: 110317

Subject: **Multilayer Ceramic Capacitor Manufacture Location Change**

Dear Customer,

This notification letter is to advise you that Knowles Capacitors Cazenovia location will be transferring the Dielectric Laboratories (DLI) brand Hi-Reliability Multilayer Ceramic (MLC) capacitor manufacturing process to our Knowles Capacitor sister company, Novacap which is located in Valencia, California.

Novacap is part of Knowles Corporation and has years of experience manufacturing a wide range of standard and high voltage ceramic MLCs using a variety of dielectrics. The Valencia facility will be responsible for manufacturing the MLCs made for stringent reliability requirements including Medical Implantable, Space and Down-hole applications. Novacap has the product knowledge and reliability test capabilities to deliver to the most demanding Hi-Reliability specifications.

The DLI manufacturing process (machines, methods and materials) will be gradually transferred from the Cazenovia, NY facility to the Valencia, CA facility starting with packing and test processes during November 2017. Product processed in Valencia will then be gradually introduced into customer shipments over the course of 2018. The transition is scheduled to be complete by the end of 2018. There will be no change introduced to part numbers so customers will be able to order products as they currently are identified.

If you require further information, please contact the Knowles Capacitor Sales department.

Yours sincerely,

A handwritten signature in black ink that reads "Vicky Thurston".

Vicky Thurston
Quality Manager
Knowles Capacitors - Cazenovia

PCN Details

PCN reference: 110317

PCN Issue Date: November 3, 2017

Product: Hi-Reliability Multilayer Ceramic Capacitors.

Change Description: Manufacturing process location change.

Reasons for Change: Manufacturing location being changed from Cazenovia NY to Valencia CA.

Changes to Form,
Fit or Function: No changes to product specifications.

Changes to Quality
or Reliability: None.

Changes to
Part Numbers: None.

Proposed First Ship
Date: Product processed in the Valencia CA facility will be phased into supply beginning November 2017 for packaging and working back through the process over 2018.

Qualification
Results: Qualification will be conducted to verify each process relocation. Results will be available on request.

Are Samples
Available? Samples may be available depending on the relocation phase. If samples are required please contact Knowles Capacitor Sales department for availability.