

Product Change Notification

Product Category : Supercap / Ultracap / Double Layer Capacitors

Issue Date : 03 - AUG - 2020

Effective Date : 03 - SEP - 2020

LTB Date : N/A

LTD Date : N/A

Reason For Change : CDE's Illinois Capacitor brand DGH Series of supercapacitors has been its most popular to date, with a winning combination of low ESR and low cost. Now, the line has been expanded, with capacitance values up to 600 Farads. The DGH Series includes 24 different value/voltage combinations, ranging in capacitance from 0.5F (Farad) to 600F, with voltage ratings from 2.7 to 5.5WVDC. Operating temperature range of -40 °C to 65 °C at maximum WVDC, or from -40 °C to 85 °C at 2.3 volts. Multiple devices can be banked in parallel or series for even higher voltage or capacitance. Because of their massive energy storage, DGH supercaps can discharge instantaneous bursts of power to smooth power interruptions, supplement batteries, or even be used in place of batteries in certain applications. Unlike batteries, DGH supercaps do not degrade with each cycle. At 2.7 volts, operating life is rated at 10 years with 500,000 charge/discharge cycles.

Form Fit & Function : There is no change to the form, fit or function.

Part Effected : Below are the list of part which are affected.

company, Cornell Dubilier has ISO-9001 certified manufacturing and distribution facilities in Liberty, SC; New Bedford, MA; Mexicali, Mexico; and Hong Kong. CDE is also the parent company of Illinois Capacitor and CD-Aero brand capacitors.

MANUFACTURING PART NUMBER
DGH107Q2R7
DGH505Q5R5
DGH105Q2R7
DGH106Q2R7B
DGH255Q5R5
DGH256Q2R7
DGH505Q2R7
DGH506Q2R7
DGH105Q5R5
DGH106Q2R7
DGH335Q2R7
DGH355Q5R5
DGH706Q2R7

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