



# Product Change Notification



Product Group: **Aluminum Capacitors**/October 10-2016/PCN-AC-004-2016 Rev 0

## Change in material for 159-500V-3000hrs snap-ins

### DESCRIPTION OF CHANGE:

Change of electrolyte in 159-500V-3000hrs snap-ins to further improve long term stability. The new electrolyte has shown excellent behavior in 500V-5000hrs-105°C designs.

**CLASSIFICATION OF CHANGE:** Direct Materials (Major)

**REASON FOR CHANGE:** improve logistics; better commonality.

### EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

25% increase in ESR at 100Hz at 25°C; 35% increase in Impedance at 10kHz at 25°C. Ripple current rating will remain unaffected.

**PRODUCT CATEGORY:** Capacitors

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

59221E3 79221E3 59689E3 79689E3 49151E3 69151E3  
59271E3 79271E3 59829E3 79829E3 59181E3 79181E3  
49331E3 69331E3 59101E3 79101E3  
59391E3 79391E3 59121E3 79121E3  
59471E3 79471E3 59151E3 79151E3

**VISHAY BRAND(s):** Vishay BCcomponents

### TIME SCHEDULE:

Last Time Buy Date for products solely produced with current electrolyte: December 15<sup>th</sup>, 2016  
Last Time Shipment Date: January 31<sup>th</sup>, 2017.

**SAMPLE AVAILABILITY:** Available on request

### PRODUCT IDENTIFICATION

For products solely produced with the current electrolyte:  
product date code as indicated on the outer box/product.

**QUALIFICATION DATA:** Available on request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before December 15<sup>th</sup>, 2016.**

**ISSUED BY:** Jules Spaanjaars

**For further information, please contact your regional Vishay office.**

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