



# Product Change Notification



Product Group: Draloric / Beyschlag Resistors / Nov 21, 2016 / PCN-DBR-009-2016 Rev0

## RCV - High Voltage Thick Film Chip Resistors Short Time Overload test

**DESCRIPTION OF CHANGE:** RCV e3 product series pass Short Time Overload test in accordance to standard EN 140401-802:2007 + A2:2013 with reference to EN 60115-1:2011 + A11:2015 standard requirements. Following the defined RCV product parameters, the test duration defined in data sheet deviates from standard test requirements of standard thick film resistors. RCV e3 data sheet will be changed to the level of EN 140401-802:2007 + A2:2013 standard requirements.

**From:**

Test Procedures and Requirements:

EN 60115-1 Clause	Test Name	Procedure	Permissible Change ( $\Delta R$ )	
		Stability for product types:	$\pm 1\%$	$\pm 5\%$
4.13	Short time overload	$U = 2.5 \times \sqrt{P70 * R} \leq 2 \times U_{max};$ whichever is the less severe; 5 sec	$\pm (0.25 \% R + 0.05 \Omega)$	$\pm (0.5 \% R + 0.05 \Omega)$

**To:**

Test Procedures and Requirements:

EN 60115-1 Clause	Test Name	Procedure	Permissible Change ( $\Delta R$ )			
		Stability for product types:	$\pm 1\%$	$\pm 5\%$		
4.13	Short time overload	$U = 2.5 \times \sqrt{P70 * R} \leq 2 \times U_{max};$ whichever is the less severe;	$\pm (0.25 \% R + 0.05 \Omega)$	$\pm (0.5 \% R + 0.05 \Omega)$		
					Style	Duration
					RR2012M	1 s
					RR3216M	2 s

**CLASSIFICATION OF CHANGE:** Form, Fit, Function

**REASON FOR CHANGE:** Definition of RCV product series capability according to international standard requirements.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** None. There will be no change in quality, reliability, or performance.

**PRODUCT CATAGORY:** Resistors

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** RCV0805xxxxxxxxxxEx, RCV1206xxxxxxxxxxEx

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

Vishay Intertechnology, Inc.

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**TIME SCHEDULE:**

Start Shipment Date: August 2012  
Last Time Buy Date: N.A.  
Last Time Shipment Date: N.A.

**SAMPLE AVAILABILITY:** N.A.  
**PRODUCT IDENTIFICATION:** N.A.  
**QUALIFICATION DATA:** N.A.

**ISSUED BY:** Alina Braunstein, Sr. Product Marketing Eng. Thick Film Resistors  
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