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:

<table>
<thead>
<tr>
<th>EN 60115-1 Clause</th>
<th>Test Name</th>
<th>Procedure</th>
<th>Permissible Change (ΔR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.13</td>
<td>Short time overload</td>
<td>Stability for product types: ± 1% ± 5%</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[ U = 2.5 \times \sqrt{P70 \times R} \leq 2 \times U_{\text{max}} ]</td>
<td>± (0.25 % \ R + 0.05 \ \Omega) ± (0.5 % \ R + 0.05 \ \Omega)</td>
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<tr>
<td></td>
<td></td>
<td>whichever is the less severe; 5 sec</td>
<td></td>
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<td>RR2012M 1 s</td>
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<td>RR3216M 2 s</td>
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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 CATEGORY: Resistors

PART NUMBERS/SERIES/FAMILIES AFFECTED: RCV0805xxxxxxxxxxEx, RCV1206xxxxxxxxxxEx

VISHAY BRAND(s): Vishay Draloric
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.

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