



Resistors Product Change Notification

PCN Number and Title	2015-RBU14: Notice of design and process changes to LRZ Series 'High Current Jumper Chip' product manufactured in USA.		
Notification Launch Date	June 16, 2015		
Type of Change	<input type="checkbox"/> End of Life Notification <input type="checkbox"/> Material Change <input type="checkbox"/> Manufacturing Facility Change or Addition <input checked="" type="checkbox"/> Process Change <input type="checkbox"/> Datasheet Specification Change <input checked="" type="checkbox"/> Design Change <input type="checkbox"/> Other: <i>Qualification of Additional Ceramic Vendor</i>		
Manufacturing Location(s) Affected	Corpus Christi, TX USA	Date of Change Implementation	July 1, 2015

Products Affected		
Product Family	Datasheet Link(s)	Comment
LRZ Series	http://www.ttelectronicsresistors.com/datasheets/LRZ.pdf	1206, 2010, 2512 sizes

Description of Changes	<ol style="list-style-type: none"> 1. Individual chip marking is changing from 'R000' to 'LRZ'. Marking is not defined on datasheet. 2. The termination width on 'film side' of the chip is being narrowed by 0.008" (0.004" from each side). Termination pad width is not defined on datasheet. 3. Process is changing on 1206 chip to print two layers of conductor on the termination areas (instead of one) and print a single layer of epoxy (instead of two). <p><i>There is no change to form, fit, or function of the finished product as described in the datasheet. This notice is for informational purposes only.</i></p>
Reason for Change	<ol style="list-style-type: none"> 1. The marking change is for scrap reduction related to visual defects in the printed '0's. 2. The termination pad narrowing is for reducing scrap related to printing conductor in the scribe street and subsequently plating solder on the edge of the chip. 3. 1206 printing process change is for mitigating occasional 'tombstoning' issues when customers uses the product.
Implementation Plan	IRC is committed to have a clean date so material with and without the changes is not mixed.



Customer Impact	Customer impact should be limited to possibly having to re-program visual equipment for the new chip marking 'LRZ'.
Recommendations	As this notice is provided for information purposes only, no recommendations are required.
Availability of Previously Manufactured Product	N/A
Sales Contacts	EMEA: Klaus Zwerschina Klaus.Zwerschina@ttelectronics.com Americas: Mike Graham Mike.Graham@ttelectronics.com Asia/Pacific: Janson Chuen Janson.Chuen@ttelectronics.com

Title	Name	Signature / Date
Director of Product Management	Barry Peters	<i>B. Peters</i> 10/9/2015
Operations Director	Steve Sours	<i>Steve Sours</i> 10/9/2015
Global Sales Director	Klaus Zwerschina	<i>Klaus Zwerschina</i> 10/9/2015

