

## Resistors Product Change Notification

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|---|--|
| <b>PCN Number</b>                         | PCN-2017-RBU07   |
| <b>PCN Title</b>                          | Manufacturing facility Addition<br>WA80, WPS, ULW, WHS, GC, WP, MFP, EMC2, VRW, WL, MFR, PR  |
| <b>PCN Date</b>                           | July 05 <sup>th</sup> 2017   |
| <b>Type of Change</b>                     | <input type="checkbox"/> End of Life Notification <input type="checkbox"/> Material Change<br><input checked="" type="checkbox"/> Manufacturing Facility Change or Addition <input type="checkbox"/> Process Change<br><input type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Design Change<br><input type="checkbox"/> Other: |
| <b>Manufacturing Location(s) Affected</b> | Additional capacity installed at TT Electronics Mexicali, Mexico   |
| <b>Date of Change Implementation</b>      | July 10 <sup>th</sup> 2017   |

| Products Affected                                      |  |                           |
|--|--|---------------------------|
| Product Series   | Product Type(s)  | Datasheet Link            |
| See Attached Product List                              | See Attached Product List  | See Attached Product List |
|  |  |                           |
| Change Detail  |  |                           |
| <b>Description of Change</b>                           | Due to the increased demand for the above products, TT Electronics have taken the decision to invest in additional manufacturing capacity which will be located within our Mexicali Facility |                           |
| <b>Reason for Change</b>                               | This allows TT Electronics to maintain a competitive lead time and ensure customers supply chains are not disrupted  |                           |
| <b>Implementation Plan</b>                             | Qualification testing of the above products will be completed in July 2018 in accordance with the product datasheet. Shipping from the Mexicali facility will start in September 2018        |                           |
| <b>Customer Impact</b>                                 | There will be no disruption to the customers supply chain. Products will be manufactured using the same materials, equipment and process controls as existing product.                       |                           |
| <b>Recommendations</b>                                 | N/A  |                           |
| <b>Availability of Previously Manufactured Product</b> | N/A  |                           |

|   |   |
|---|---|
| <b>Availability of Approval Samples</b> | N/A   |
| <b>Sales Contacts</b>                   | Americas: Mike Graham <a href="mailto:mike.graham@ttelelectronics.com">mike.graham@ttelelectronics.com</a><br>Asia: Janson Chuen <a href="mailto:janson.chuen@ttelelectronics.com">janson.chuen@ttelelectronics.com</a><br>Europe (EMEA): Klaus Zwerschina <a href="mailto:klaus.zwerschina@ttelelectronics.com">klaus.zwerschina@ttelelectronics.com</a> |

| <b>Approval</b>    |              |                                       |                            |
|--------------------|--------------|---------------------------------------|----------------------------|
|                    | <b>Name</b>  | <b>Title</b>                          | <b>Date</b>                |
| <b>Issued by</b>   | David Peters | Product Line Manager                  | 05 <sup>th</sup> July 2017 |
| <b>Approved by</b> | Barry Peters | VP Product Management and Engineering | 05 <sup>th</sup> July 2017 |
| <b>Approved by</b> | David Kertes | VP Global Sales and Marketing         | 05 <sup>th</sup> July 2017 |

**Additional Information**

Products Affected:

WA80 – All sizes, Values, Tolerances and Non Standard Versions

WP-S – All sizes, Values, Tolerances and Non Standard Versions

ULW – All sizes, Values, Tolerances and Non Standard Versions

WHS – 2W, 3W & 5W, Values, Tolerances and Non Standard Versions

EMC2 – All sizes, Values, Tolerances and Non Standard Versions

GC – All sizes, Values, Tolerances and Non Standard Versions

WP – All sizes, Values, Tolerances and Non Standard Versions

MFP – All sizes, Values, Tolerances and Non Standard Versions

VRW – All sizes, Values, Tolerances and Non Standard Versions

WL – All sizes, Values, Tolerances and Non Standard Versions

MFR – MFR4, MFR5, MFR4P leaded version only

VRW – VRW25 and VRW37, All values and Tolerances

PR - All sizes, Values, Tolerances, TCRs and Non Standard Versions

MH - All sizes, Values, Tolerances, TCRs and Non Standard Versions