



Product Change Notification



Product Group: Dale Resistors / January 20, 2020 / PCN-DR-00003-2020 Rev 0

WSL0603/WSL0603-18/WSLP0603

DESCRIPTION OF CHANGE: WSLx0603 product termination will change from a copper clad technology to a welded copper technology. This change will conform the 0603 size to the other WSLx sizes which currently use a welded copper terminal. This change will slightly effect the TCR for 10mΩ to 49mΩ values and height dimension for all values which will be 0.016"±0.005" starting with date code 2016. Previous dimension was 0.013"±0.005"

CLASSIFICATION OF CHANGE: Product Structure

REASON FOR CHANGE: The construction of the WSLx0603 terminal bonding to the resistance element will be changed from a copper clad to a welded copper terminal. This allows for overall better performance and utilization of internal processing to be able to better support market demand and reduce lead times.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: Product height (H) dimension change to: 0.016"±0.005 Temperature coefficient of resistance (TCR) for resistance values from 10mΩ to 49mΩ will change from ±75ppm/°C to ±110ppm/°C for temperature range from -55°C to +25°C. For other values and temperature ranges the TCR will remain unchanged at ±75ppm/°C.

PRODUCT CATEGORY: Resistors, Discrete

PART NUMBERS/SERIES/FAMILIES AFFECTED:

WSL0603xxxxxFyy, WSL0603xxxxxFyy18, WSLP0603xxxxxFyy where xxxxx represents the resistance value code and yy represents the package code.

VISHAY BRAND(s): Vishay Dale

TIME SCHEDULE:

Start Shipment Date: May 18th 2020 (Week 21)
Last Time Buy Date: Not Applicable
Last Time Shipment Date: Not Applicable

SAMPLE AVAILABILITY: If customer converts to alternate product; samples will be available by April 13th 2020 in limited quantity.

PRODUCT IDENTIFICATION: Date Code On or After Week 16 2020 Labeled As 2016 Date Code Format (yyww)

QUALIFICATION DATA: Qualification data available by request, Full PPAP available by February 28th 2020.

This PCN is considered approved, without further notification, unless we receive specific customer concerns before March 30th, 2020 or as specified by contract.

ISSUED BY: Mitch Hansen, Sr. Director Product Marketing, Mitch.Hansen@vishay.com

For further information, please contact your regional Vishay office.

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