



Product Change Notification



Product Group: Draloric/Beyschlag Resistors / June 22, 2020 / PCN-DBR-00004-2020 Rev 0

Introduction of Intermediate Cu/Ni-Termination-Layers for Thin Film MELF Resistors SMM0207

DESCRIPTION OF CHANGE: Termination design of SMM0207 will be changed from layer sequence "NiP / Matte Tin" to "NiP / Cu / Ni / Matte Tin".

CLASSIFICATION OF CHANGE: Termination Design

REASON FOR CHANGE: The termination design for Draloric / Beyschlag MELF resistors will be harmonized by using the same layer sequence for SMM0207 as for MMB 0207: NiP / Cu / Ni / Matte Tin. Intermediate layers of Cu and Ni improve the solder joint robustness of SMM0207 against thermal cycling.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: Improvement of solder joint robustness against thermal cycling

PRODUCT CATEGORY: Resistors, Discrete

PART NUMBERS/SERIES/FAMILIES AFFECTED: SMM0207...

VISHAY BRAND(s): Vishay Draloric

TIME SCHEDULE:

Start Shipment Date: 02.01.2021

Last Time Buy Date:

Last Time Shipment Date: mixed deliveries possible until 23.12.2021

SAMPLE AVAILABILITY: On request

PRODUCT IDENTIFICATION: By date code.

QUALIFICATION DATA: Test report available

This PCN is considered approved, without further notification, unless we receive specific customer concerns before October 1, 2020 or as specified by contract.

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