



# 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.**

**ISSUED BY:** Udo Tribess, Product Manager MELF Resistors, [udo.tribess@vishay.com](mailto:udo.tribess@vishay.com)

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