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<b>PCN Form Number:</b>	<b>KOA-19-004 2019 L</b>	<b>Date:</b>	<b>2019-12-12</b>
<b>Company:</b>	KOA Europe GmbH Kaddenbusch 6 D-25578 Dägeling	<b>Department:</b>	Engineering & Quality
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<b>Affected product:</b>	HPC, PCF, CPCN, SPCN series
<b>Affected factory:</b>	KOA Corporation, KOA Electronics Co., Ltd.
<b>KOA part number:</b>	HPC1/2*, HPC1, HPC2*, HPC3*, HPC4*, HPC5*, PCF1/2*, PCF1*, PCF2*, CPCN1/2*, CPCN1*, CPCN2N*, CPCN2NS*, CPCN3*, SPCN1/2*
<b>Customer part number:</b>	Several (part list upon request)
<b>Description of change:</b>	We will change to an alternative silver paste as the raw material manufacturer stops producing the current silver paste
<b>Reason for the change:</b>	Silver paste is used as an electrode material for the purpose of stabilizing the conduction between the resistor and the electrode cap. Since there is no change in the main component, silver, this change will not affect the product characteristics.
<b>Effective Date of the change:</b>	01.06.2020
<b>Product identification:</b>	We will identify by Lot No., and report.
<b>Sample availability:</b>	31.01.2020
<b>Quality and reliability:</b>	There is no change in the product structure or the specification value of product characteristics due to the change of silver electrode. Specification and composition table, process flow, evaluation data for representative varieties can be submitted.

**-This is a Computer Generated Document – valid without signature -**

Please acknowledge the receipt of this PCN within 30 days.  
Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.  
After acknowledgement, lack of additional response within a 90 days period constitutes acceptance of the change.  
(according to JEDEC Standard JESD46-B)

In case of a contract, the above acknowledgement rules are replaced by the contractual agreements.