January 29, 2016

Product change
Backend process improved for EPCOS automotive type varistors

To reduce the complexity of the current back-end process and to improve process stability in the production of automotive type EPCOS varistors further manual operations will be automated. These include:

- Spot soldering instead of dip soldering.
- Automated wet coating instead of manual wet coating.
- Laser marking instead of ink marking.

These automated processes are already well established for a wide range of EPCOS disc varistors.

Affected products

Ordering code
B72207S1*
B72210S1*
B72214S1*
B72220S1*

Scheduled introduction: May 9, 2016

This change will have no effects on the form, fit, function, quality, reliability and lead time of the affected products.

The qualification has been performed in accordance with the EPCOS internal quality guidelines. The changes have been considered in the P-FMEA. All quality assurance measures will be maintained.

Enclosure PCN (ID No. PPD34/T120)

Contact Simcik Goh, PPD VAR PM, Singapore

Customers are asked to address inquiries directly to their sales contacts.

Product / Process Change Notification

1. ID No.: PPD34/T120		**2. Date of announcement:** January 29, 2016	
3. Product / product group:	**Old ordering code:**	**New ordering code:**	**Customer part number:**
EPCOS automotive tpye varistors S*AUTO*, S*D*	B72207S1*, B72210S1*, B72214S1*, B72220S1*	No change	

4. Description of change:

To reduce the complexity of the current back-end process and to improve process stability in the production of automotive type EPCOS varistors further manual operations witll be automated. These include:

- Spot soldering instead of dip soldering.
- Automated wet coating instead of manual wet coating.
- Laser marking instead of ink marking.

These automated processes are already well established for a wide range of disc varistors and NTC for inrush current limiting.

5. Effect on the product or for the customer (benefit, quality, specification, lead time):

There will be no impact on function, quality, reliability and leadtime.

6. Quality assurance measures / risk assessment:

The plant in Zhuhai, China, is certified according to ISO/TS 16949 and ISO 9001. Production release in conformance with ISO/TS 16949.

7. Scheduled date of change: May 9, 2016

8. Estimated date of first delivery of changed product: May 9, 2016

If EPCOS does not receive notification to the contrary within a period of 10 weeks, EPCOS assumes that the customer agrees to the change. For an interim period we cannot rule out that old as well as new products will be shipped.

Quality Management	Signature
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Product Marketing	
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Customer feedback

Customer acknowledgement	Signature