

TDK DISTRIBUTION**TDK Corporation**

MAGNETICS BG

GM

Hidekazu Satoh

Process Change Notice**Introduction of Power inductor VLS6045EX-CA / -H series , Noise filter VFS6045H series Automated appearance inspection & Power inductor VLS6045EX-H series Marking Character Change****[Regarding appearance inspection]**

Appearance inspection of the VLS6045EX-H series power coils and VFS6045H series noise filters is currently performed manually from certain angles. However, in order to improve the accuracy of appearance inspection and prevent oversights due to human error, we are applying for the introduction of automated appearance inspection.

Please note that while human appearance inspection was not previously performed for the VLS6045EX-CA, this change will now include the introduction of automated appearance inspection.

[Regarding marking]

The VLS6045EX-H power coil has a three-stage stamping configuration. Depending on the condition of the stamping surface, the combination of stamping surface and character size may result in readability issues in the customer's environment.

Therefore, the font will be changed to one that emphasizes the outline of the characters, similar to the VLS5045EX-H.

Note that the character information itself will not be changed.

Please note that this change in the manufacturing process will not result in any changes to the product specifications or quality.

1. Details of the change

1-1. Change 1 : Introduction of AOI for appearance inspection (This applies to all products listed in this PCN.)

Change 2 : Marking Character Change (This applies to only VLS6045EX-H.)

1-2. The change of 4M

Man	Machine	Material	Method
No Change	Change	No Change	Change

2. Affected products : Please refer to the part numbers list.

3. Affection to the products due to the change

There are no changes concerning the electrical characteristics, mechanical characteristics, form, fit, function and reliability.

4. Schedule : From January 2027

In case there is no significance / inquiry against this announcement and even if the reply does not arrive.

We would like to change over from the following date and time in order.

Please fill in the column of receipt with sign by December 25, 2026, and return it.

Furthermore, for customers who require individual handling such as identification markings at the time of the initial shipment of the modified product, if there are no orders for more than one year after the modification is applied, the change will be implemented automatically (individual handling will not be possible).

Planned Date: 2027/Jan	Response Date By: 2026/Dec/25	Last Order date for current spec:Not Applicable
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Attachment : Yes

ANSWER SHEET

To TDK Corporation MAGNETICS BG	Company Department Name
Approval Date: _____	Directions

