



The DNA of tech.™

Product Change Notification



Product Group: DR/Monday September 21, 2026/PCN-DR-00012-2026-REV-0

WSK1216 - Laser Ablation

For further information, please contact your regional Vishay office.

CONTACT INFORMATION

Americas

Vishay Americas
One Greenwich Place
-
Shelton CT United States 06484
Phone: 1-402-563-6866
Fax: 1-402-563-6296
business-americas@Vishay.com

Europe

Vishay Electronic GmbH
Dr. -Felix-Zandman-Platz 1
-
Selb Germany 95100
Phone: 49-9287-71-0
Fax: 49-9287-70435
business-Europe@vishay.com

Asia

Vishay Intertechnology Asia Pte, Ltd
25 Tampines Street 92
Keppel Building #02-00
Singapore Singapore 528877
Phone: 65-6788-6668
Fax: 65-6788-0988
business-asi@vishay.com

Description of Change: Revision of the resistive element trimming process from laser cut to value to a machine punch to value and surface ablation to tolerance process. This will apply to resistance values from 0.2 m to < 0.4 m. 0.5 m to 2 m product has been in stable mass production with this technology.

Reason for Change: To improve manufacturability to increase production capacity.

Expected Influence on Quality/Reliability/Performance: No change to Fit or Function. Minor impact to Form. No change to footprint.

Part Numbers/Series/Families Affected: WSK1216L2*, WSK1216L3*,

Vishay Brand(S): Vishay Dale

Time Schedule:

Start Shipment Date: Friday November 20, 2026

Sample Availability: Available upon request

Product Identification: Product will be identifiable by difference in construction. There is potential that both trim technologies would be received from one reel to the next during the conversion process. There is no difference in electrical performance or reliability.

Qualification Data: Available Upon Request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Friday October 23, 2026 or as specified by contract.

Issued By: Anthony Douglas, Anthony.Douglas@vishay.com



Product Change Notification



Product Group: Dale Resistors / September 11th, 2026 / PCN-DR-00012-2026

WSK1216 - Laser Ablation (non-Automotive)

DESCRIPTION OF CHANGE: Revision of the resistive element trimming process from laser cut to value to a machine punch to value and surface ablation to tolerance process. This will apply to resistance values from 0.2 mΩ to < 0.4 mΩ. 0.5 mΩ to 2 mΩ product has been in stable mass production with this technology.

CLASSIFICATION OF CHANGE: Process Change

REASON FOR CHANGE: To improve manufacturability to increase production capacity.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: No change to Fit or Function.
Minor impact to Form. No change to footprint.

PRODUCT CATEGORY: Resistors, Discrete

PART NUMBERS/SERIES/FAMILIES AFFECTED: WSK1216L2* and WSK1216L3* (excluding dash type part numbers)

VISHAY BRAND(s): Vishay Dale

TIME SCHEDULE:

Start Shipment Date:	Available to ship 09/18/2026 Automotive customers will be upon approval.
Last Time Buy Date:	NA
Last Time Shipment Date:	NA

SAMPLE AVAILABILITY: Available upon request. Please include comments with sample request to identify this PCN# regarding Laser Ablation and use the factory plant code instead of Vishay Sample Center.

PRODUCT IDENTIFICATION: Product will be identifiable by difference in construction. There is potential that both trim technologies would be received from one reel to the next during the conversion process. There is no difference in electrical performance or reliability. Additional identification can be done through the Plant Code 4340 for the new process (refer to Fast Facts document for additional detail)

QUALIFICATION DATA: Qualification and PPAP data is available by request.

PCN DeQuMa Matrix: PAS-RES-PR-03

This PCN is considered approved for non-automotive customers, without further notification, unless we receive specific customer concerns before **October 15th, 2026** or as specified by contract.

ISSUED BY: Anthony Douglas, Product Marketing Engineer, Anthony.Douglas@Vishay.com

For further information, please contact your regional Vishay office.

CONTACT INFORMATION:

The Americas

Vishay Americas
One Greenwich Place
Shelton, CT
06484

Europe

Vishay Electronic GmbH
DR.-Felix-Zandman-Platz 1
95100 Selb
Germany

Asia

Vishay Intertechnology Asia Pte, Ltd
25 Tampines Street 92
Keppel Building #02-00
528877

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 www.vishay.com

ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

Procedure #

United States

Ph: 1-402-563-6866

Fax: 1-402-563-6296

E-mail: business-americas@Vishay.com

Ph: 49-9287-71-0

Fax: 49-9287-70435

E-mail: business-Europe@vishay.com

Singapore

Ph: 65-6788-6668

Fax: 65-6788-0988

E-mail: business-asia@vishay.com



The DNA of tech.™

Fast Facts

Product Group: Vishay Dale, Resistors / September 2026



WSK1216 Laser Ablation (PCN-DR-00012-2026)

The current process uses a punched feature located at the bottom portion of Figure 1 (red arrow) for TCR adjustment and a laser cut to trim to value and tolerance. The revised process will use the same TCR adjustment punched feature and will revise the laser cut to a punched feature in Figure 2 (green arrow of Top side). Fine adjustments to resistance tolerance will be performed with a laser ablation process in Figure 2 (green arrow of Bottom side). This will be visually different by a darker color.

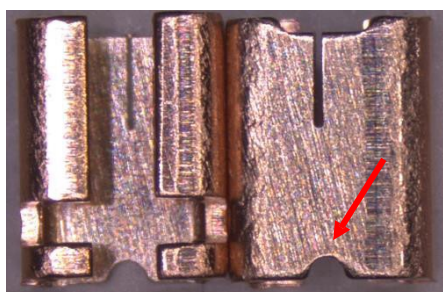


Figure 1: Current Process
Bottom Top

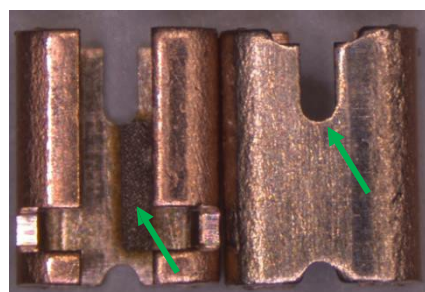


Figure 1: New Process
Bottom Top

The larger punched coarse trim does not change the electrical performance, but will enable easier automated optical inspection to resolve the orientation of the part on the board with a larger and more visible feature. It is possible to receive reels of product with different trim technologies during the conversion process, but there is no difference in electrical performance or reliability.

This change is expected to be available with shipments on November 15, 2026, pending PCN approval. The change can be identified by the above physical features or by Plant Code 4340 for the new process.

Samples available upon request at <https://www.vishay.com/en/product/30189/tab/request-sample/>

Contact Information

The Americas

Anthony Douglas
Anthony.Douglas@vishay.com

Europe

Matthias Soergel
Matthias.Soergel@Vishay.com

Asia / Pacific

Vincent Ong
Vincent.Ong@Vishay.com

ww.2bresistors@Vishay.com