

# Product Change Notification

Alpha Foil Resistors/January 2023/PCN-ALP-001-2023

## External Marking Change (Laser Marking)

**DESCRIPTION OF CHANGE:** Change of marking of Alpha Ultra Precision Resistor to laser marking from ink marking

**CLASSIFICATION OF CHANGE:** Marking

Example: FLA Series

| BEFORE (Ink Marking)  |   | AFTER (Laser Marking)  |
|---|---|--|
|  |  |  <ol style="list-style-type: none"> <li>1. Laser Marking</li> <li>2. Single Side</li> <li>3. Date Code (6 Digits)</li> <li>4. Full Resistance Value</li> </ol> |

**REASON OF CHANGE:** Better productivity and traceability

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** No influence on performance, quality and reliability

**PRODUCT CATEGORY:** Foil resistors (molded/confirmally coated, hermetically sealed), thermosensitive resistors, network resistors, power resistors, thin film resistors

**PART NUMBERS AFFECTED:** Attached List

**TIME SCHEDULE:**

Start Shipment Date: January 1<sup>st</sup>, 2024

Last Time Buy Date: N/A

Last Time Shipment Date: N/A

**PRODUCTION IDENTIFICATION:** Visually identified as the above images, Product information on packaging label. No mixing within a single Flow Card (lot) will be allowed. Both printed and unprinted parts can be delivered for one order.

**QUALIFICATION DATA:** N/A

**CONTACT INFORMATION**

Alpha Electronics Corporation

TEL: 03-5282-2640 FAX: 03-5282-2641

E-mail: [sales-alpha@alpha-elec.co.jp](mailto:sales-alpha@alpha-elec.co.jp)

**Alpha Electronics Corp.**

2F Hagoromo Bldg. 1-2-10 Uchikanda, Chiyoda-ku, Tokyo 101-0047 Japan

T: +81-3-5282-2640 | F: +81-3-5282-2641 | E: [sales-alpha@alpha-elec.co.jp](mailto:sales-alpha@alpha-elec.co.jp)

**PART NUMBERS AFFECTED:**

| CHANGE                                      | AFFECTED PRODUCT    |                             |
|---|---------------------|-----------------------------|
|   | Category            | Product Series              |
| Laser Marking<br>Single Side<br>DC 6 Digits | Confirmally Coated  | FLA*, FLB*, FLC             |
|   | Network Resistor    | SLD*, SE, SF, SS            |
| Single Side<br>DC 6 Digits                  | Network Resistor    | SM                          |
|   | Thin Film           | TLA*, TLC                   |
|   | Thermosensitive     | NLA*, NLB*, CLA*, CLB*, KLC |
|   | Hermetically Sealed | HG                          |
| DC 6 Digits                                 | Transfer Molded     | MA, MB, MC, MD              |
|   | Power Resistor      | PSB, PB, PC, PD, PE         |
|   | Hermetically Sealed | HC, HD, HK, HL              |
|   | Network Resistor    | SC                          |

\* Full Resistance Value per MPN