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SUB: Press Release

**NLA Series**  
Air Core Chip Inductors

<http://www.niccomp.com/series/NLA>

NIC Components is pleased to announce the release of the NLA series of air core chip inductors.

Available in 4 case sizes ranging from [0403] 3.68mm X 3.05mm to [1006] 10.55mm X 6.35mm with component heights of 3.18mm to 5.97mm. Each size offering a molded flat top for easy pick and placement. Inductance values range from 2.5nH ~ 538nH in  $\pm 5\%$  (J) and  $\pm 10\%$  (K) tolerances.



Expanding its RF range NIC's NLA air core series offer exceptionally high Q and its highest SRF frequencies for the latest telecommunication and wireless designs. With 4 sizes available each with a molded top for easy pick and placement. With a minimum Q of 87 SRF ranges going well into the Ghz range (up to 12.5Ghz), and offering wide inductance ranges (2.5nH ~ 538nH) up to 4A current rating.

These chip inductors where high Q and SRF are ideal for use in high frequency circuits in telecommunication equipment, mobile phones, CATV, and power amplification circuits.

**NLA FEATURES**

- High Q Over Wide Frequency Range
- High SRF's for high frequency application
- Molded flat top for automatic pick & place
- 4 Size Combinations from 0403 ~ 1006

- Temperature Range: -40°C ~ +125°C
- Inductance Range: 2.5nH ~ 538nH
- Inductance Tolerances:  $\pm 5\%$ ,  $\pm 10\%$

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