Air core chip inductors offer high Q and SRF frequencies

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 ±5% (J) and ±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: ±5%, ±10%

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