

NIC PRODUCT PROFILE

NIN-Z Series

High Performance Wirewound RF Chip Inductor

Description:

An upgrade from NIC's popular NIN-H series the NIN-Z focuses on performance including higher current ratings, Q and SRF ratings. 0402 and 0603 case sizes are available with inductance values range from 1.0nH ~ 390nH.

Current ratings are up to 2,300mA with an operating temperature range of -40°C ~ +125°C.

An upgrade from the standard NIN-H series of ceramic wirewound chip inductors the NIN-Z focuses on upgrades in performance that are required for new designs such as Q, SRF, DCR and current ratings.

These chip inductors are ideal for use in RF circuits in telecommunication and other equipment such as Bluetooth and wireless networking applications along with High Q RF MLCCs and Thin Film Chip Resistors, also available from NIC.

Get More Information:

Series Pages: www.niccomp.com/series/NIN-Z

All Inductors: www.niccomp.com/inductors

All Magnetics: www.niccomp.com/magnetics



NIN-Z Co-Sell Products

- ◇ RF MLCC's (NMC-Q)
- ◇ Thin Film Chip Resistors (NTRA)
- ◇ Ferrite Chip Beads (NCB-G, NCB-GH)

Cross & Replace with NIN-Z

- ◇ Coilcraft 0402HP Series
- ◇ Coilcraft 0603HP Series

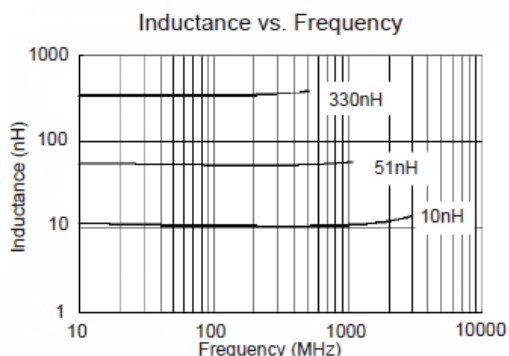
NIN-Z Suggested Applications

- ◇ Smart Metering
- ◇ Bluetooth
- ◇ WIFI (Wireless)
- ◇ WLAN
- ◇ GPS
- ◇ Network Communications

Characteristics:

Series	Chip Size	Dimensions	Inductance Range
NIN-ZK	0402	1.1 x 0.6 x 0.6mm	1.0 ~ 220nH
NIN-ZJ	0603	1.7 x 1.1 x 0.9mm	1.8 ~ 390nH

NIN-ZK Example Performance Data:



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