

NIC PRODUCT PROFILE

LTCC RF Components

NIC Components RF Component Offering

Description:

NIC Components is well known for its lineup of performance passive components. Building on our current RF Inductor and RF Capacitor lines, NIC now offers RF Antennas, Filters, Diplexers, and Baluns.

In recent years, the demands for mobile phones and Bluetooth devices have been increasing rapidly, making this product highly beneficial to NIC's Performance Passive line.

Using low temperature co-fired ceramic (LTCC) technology NIC's RF line focuses upon the key frequencies and performance requirements, for your latest wireless designs.

NGAW Series - Multilayer Chip Antennas

LTCC Design Offers Smallest Sizes

Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Center Frequency Range 433Mhz \sim 3.01Ghz

10 Sizes [2.0x1.25mm] \sim [50 x 4.0mm] Available

NGF* Series - Multilayer Chip Filters

Band Pass, Low Pass, High Pass, & Balanced Styles

Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Frequency Range 560Mhz \sim 3275Mhz

Standard Chip Sizes 0402 \sim 1206 Available

NGD Series - Multilayer Chip Diplexers

Standard and Customized Filter Pairs Available

Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Frequency Focus 2.4GHz \sim 5GHz

Standard Chip Sizes 0603 \sim 1210 Available

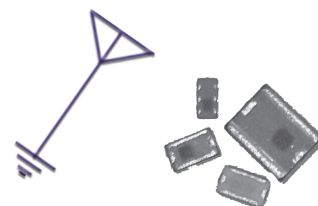
NGB Series - RF Chip Baluns

50 Ω & 100 Ω Impedance Options Available

Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Frequency Focus 896Mhz \sim 5.4Ghz Including 2.4GHz

Standard Chip Sizes 0402 \sim 0805 Available



Links to Know...

Series Pages:

www.niccomp.com/series/NGAW

www.niccomp.com/series/NGD_C

www.niccomp.com/series/NGB_C

www.niccomp.com/series/NGFP

www.niccomp.com/series/NGFL

View all RF Products:

www.niccomp.com/RF

Co-Sell Options for NIC RF:

◆ High Q RF MLCCs

◆ High Q RF Chip Inductors

◆ SMT Power Inductors

◆ RF Antennas, Filters, Baluns

◆ Thin Film Chip Resistors

◆ Multilayer Chip Varistors

NIC RF Component Applications

◆ Smart Metering

◆ Bluetooth

◆ WIFI [Wireless]

◆ WLAN

◆ GPS

◆ Network Communications

Search with QuickBUILDER

◆ Search NIC's RF Component Library

◆ Compare up to 5 results Side-By-Side

◆ Sort by Price & Series Focus

NICcomp.com/QB-RF



NIC Components Corp.



Cross & Replacement Support ... tpmg@niccomp.com