

NIC Product Profile

 www.niccomp.com/ferrite-chip-beads

 nic.tpmg@niccomp.com

NCBx Product Family

Ferrite Beads for EMI Noise Reduction

NIC Components ferrite chip beads focus on the important issue of electromagnetic interference (EMI) noise suppression and electromagnetic compatibility (EMC). Using a multilayer construction with sizes from 01005 to 1812 NIC targets every available option for you in general purpose (NCBx), above 1 Ghz (NCB-Gx), and high current (NCB-Hx) grade options. AEC-Q200 Qualified options are available for support in automotive applications.

Use the NIC QuickBUILDER to search NIC and competitor part numbers, view individual specifications, and compare electrical performance including impedance curves.

Low Frequency, up to 1 Ghz

NCB

For signal lines &
power supplies

7Ω ~ 2500Ω

01005, 0201, 0402, 0603,
0805, 1206, 1806, 1812



NCB-A

AECQ-200 Qualified
For signal lines &
power supplies

10Ω ~ 2700Ω

0201, 0402, 0603,
0805, 1206

NCB-H

Up to 6A Current Rating

10Ω ~ 1300Ω

0201, 0402, 0603, 0805,
1206, 1806, 1812



NCB-HA

AECQ-200 Qualified
Up to 6A Current Rating

10Ω ~ 2000Ω

0201, 0402, 0603,
0805, 1206



NCB-HD

AECQ-200 Qualified
Up to 12A Current Rating
Ultra-Low DCR

10Ω ~ 1000Ω

0402, 0603, 0805, 1206

Ghz Band

NCB-G

> 1 Ghz

10Ω ~ 1300Ω

0402 & 0603

NCB-GH

> 1Ghz

High Current

10Ω ~ 2000Ω

0402 & 0603

Applications / Use:

RF Modules
IC Signal Line Filtering
Electronic Control Units
Power Line Noise Filtering
Infotainment
Antennas



NIC Components Corp.

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www.niccomp.com

