

Composite ferrites as magnetic core material for the fabrication of multilayer chip inductors (MLCI) prepared by conventional double sintering method



N Varalaxmi

Kakatiya University, India

Abstract

Due to the latest development in recent technology, researchers and industrialist attention is towards the developing of new ferrite materials. Multilayered substrate and ceramic packaging process technology has a worldwide importance due to increasing demand for miniaturization of electronic circuits and higher performances devices led to. This intense demand for high performance and miniaturization of many electronic devices, which exclusively needs soft magnetic materials with high permeability and high resistivity. To satisfy these demands few ferrites materials are best suited for these applications.

Biography

N Varalaxmi has completed her Graduation and Post-Graduation from Osmania University, Hyderabad and PhD awards at the age of 34 years (Awarded in the year 2007) from Sri Krishna Devaraya University, Anathapur, and Andhra Pradesh. She is working as Assistant Professor of Physics, Department of Physics, Kakatiya University, Warangal, and Telangana. She has published more than 25 papers in reputed Journals National & International. She has presented more than 30 papers in various conferences.

12th World Congress on Analytical Chemistry and Instrumentation, Rome | Italy | 19-20 October | 2020

Citation: N Varalaxmi, *Composite ferrites as magnetic core material for the fabrication of multilayer chip inductors (MLCI) prepared by conventional double sintering method*, Analytical Chemistry 2020, 12th World Congress on Analytical Chemistry and Instrumentation, Rome, Italy, 19-20 October, 2020, 05