# Abstracts

## A Closed-Form Expression for Representing the Distributed Nature of the Spiral Inductor

*D.M. Krafcsik and D.E. Dawson. "A Closed-Form Expression for Representing the Distributed Nature of the Spiral Inductor." 1986 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 86.1 (1986 [MCS]): 87-92.*

A closed form expression for the modeling of rectangular spiral inductors to twice the self-resonant frequency is derived and compared to experimental results. The mutual inductance effects of the ground plane, and phase shift effects are considered in this analysis.

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