

# Abstracts

## An Electromagnetic Model for Determining Resonance Frequencies of Low Cost MMIC Packages

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*R.W. Jackson. "An Electromagnetic Model for Determining Resonance Frequencies of Low Cost MMIC Packages." 1994 Transactions on Microwave Theory and Techniques 42.9 (Sep. 1994, Part II [T-MTT]): 1816-1819.*

A simple model is presented for approximate calculations of the lowest order resonance frequencies of low cost MMIC packages. The model shows the effect of seal ring characteristics such as dielectric constant and via holes. Experimental results confirm the usefulness of the model.

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