

# Abstracts

## A High Frequency Model Based on the Physical Structure of the Ceramic Multilayer Capacitor (Short Papers)

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*L.C.N. de Vreede, M. de Kok, C. van Dam and J.L. Tauritz. "A High Frequency Model Based on the Physical Structure of the Ceramic Multilayer Capacitor (Short Papers)." 1992 Transactions on Microwave Theory and Techniques 40.7 (Jul. 1992 [T-MTT] (Special Issue on Process-Oriented Microwave CAD and Modeling)): 1584-1587.*

In this paper modelling of the high frequency behavior of ceramic multilayer capacitors based on device physics is presented. An accurate predictive model incorporating physical dimensions, material constants and aspects of the CMC application environment is presented. This model is suitable for use in the design and development of improved high frequency CMC structures.

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