

Abstracts

CAD Models for Multilayered Substrate Interdigital Capacitors

S.S. Gevorgian, T. Martinsson, P. Linner and E.L. Kollberg. "CAD Models for Multilayered Substrate Interdigital Capacitors." 1996 *Transactions on Microwave Theory and Techniques* 44.6 (Jun. 1996 [T-MTT]): 896-904.

Conformal mapping-based models are given for interdigital capacitors on substrates with a thin superstrata and/or covering dielectric film. The models are useful for a wide range of dielectric constants and layer thicknesses. Capacitors with finger numbers $n > 2$ are discussed. The finger widths and spacing between them may be different. The results are compared with the available data and some examples are given to demonstrate the potential of the models.

[Return to main document.](#)