

Abstracts

Capacitance of a Circular Disk for Applications in Microwave Integrated Circuits (Short Papers)

S.R. Borkar and R.F.H. Yang. "Capacitance of a Circular Disk for Applications in Microwave Integrated Circuits (Short Papers)." 1975 Transactions on Microwave Theory and Techniques 23.7 (Jul. 1975 [T-MTT]): 588-591.

The quasi-static solution for a circular disk separated from a ground plane by a dielectric substrate is studied using the dual integral equation approach. A simple expression for equivalent capacitance is determined.

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